

Converting Colors

HunterLab(86.9840, -60.8359,
40.7678)

Have a look what the booklet for
HunterLab(86.9840, -60.8359,
40.7678) contains.

HunterLab(86.9786, -60.8689, 40.8468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.9786,
-60.8689, 40.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF76
RGB	102, 255, 118
RGB Percent	40%, 100%, 46%
CMY	0.6000, 0.0000, 0.5372
CMYK	0.60, 0.00, 0.54, 0.00
HSL	126°, 100%, 70%
HSV	126°, 60%, 100%
XYZ	44.5095, 75.6528, 29.3961
YIQ	193.6350, -47.2110, -75.0430

Conversions

Conversions Part 2

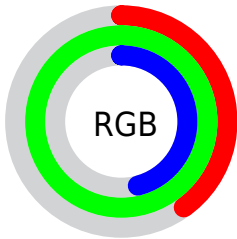
Format	Color
RYB	102, 241, 255
Decimal	6750070
CIELab	89.70, -67.32, 52.97
CIELCh	90, 85.661, 141.800
Yxy	75.6529, 0.2976, 0.5058
Android (android.graphics.Color)	4284940150 (0xFF66FF76)
YUV	193.6350, -37.2881, -80.3639
Hunter-Lab	86.9786, -60.8689, 40.8468

Details

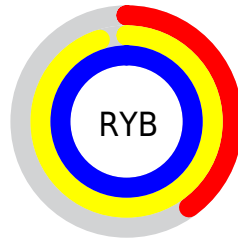
The HunterLab color $86.9786, -60.8689, 40.8468$ is a light color, and the websafe version is hex $66FF66$. A complement of this color would be $60.8233, 74.2535, -40.8215$, and the grayscale version is $73.4623, -3.9198, 3.9913$.

A 20% lighter version of the original color is $90.8496, -43.4183, 29.4196$, and $63.5098, -52.2483, 33.6915$ is the 20% darker color. If you saturate the color by 10%, you get $85.9689, -65.6194, 44.3300$, and if you desaturate by 10%, it is $88.3113, -54.7293, 36.5834$.

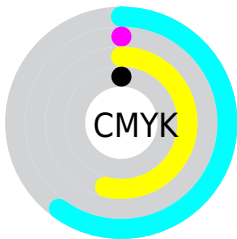
Distribution



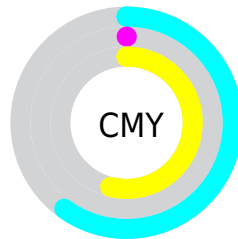
- Red (40%)
- Green (100%)
- Blue (46%)



- Red (40%)
- Yellow (95%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9786, -60.8689, 40.8468 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 86.9786, -60.8689, 40.8468 by changing the saturation by 10% instead.


 86.9786, -60.8689,
40.8468


 86.9786, -60.8689,
40.8468


219.1253,
-93.7949, 68.6421

 74.9319, -56.6380,
37.3130


 112.7990,
-68.8614, 47.5493

 63.4993, -52.2089,
33.6287


 126.5240,
-72.6706, 50.7546

 52.7156, -47.5363,
29.7643


 140.7645,
-76.3784, 53.8805

 42.6227, -42.5590,
25.6850

155.5025,
-79.9982, 56.9379

 33.2715, -37.1907,
21.3539

170.7217,
-83.5412, 59.9358

 24.7262, -31.3063,
17.3084

186.4074,

 17.0717, -25.3863,

-87.0166, 62.8816

11.9502

202.5460,
-90.4323, 65.7819

■ 10.4270, -18.2473,
7.2989

0.0000, NaN, NaN

■ 86.9786, -60.8689,
40.8468

■ 86.9786, -60.8689,
40.8468

■ 85.9689, -65.6194,
44.3300

■ 88.3113, -54.7293,
36.5834

■ 85.2620, -69.0131,
47.0262


■ 89.9782, -47.2252,
31.5772


■ 84.8287, -71.1437,
48.9553

■ 91.9842, -38.4233,
25.8838

■ 84.6154, -72.2302,
50.1624

■ 94.3279, -28.4241,
19.5746

 84.6154, -72.2302,
50.1624

 97.0032, -17.3502,
12.7300

100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9787, -33.4487, 50.8345



86.9786, -60.8689, 40.8468



86.9787, -72.6504, 15.2878

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9787, -60.8684, 40.8461



86.9787, -16.2022, -115.7524



86.9787, 86.9150, 29.3052

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.9786, -60.8689, 40.8468



60.8233, 74.2535, -40.8215

Split Complementary

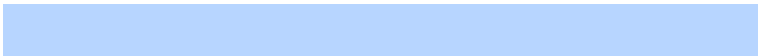
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9787, 94.0224, -7.3332



86.9786, -60.8689, 40.8468



86.9787, 28.4741, -105.5370

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9787, -60.8684, 40.8461



86.9787, -50.3667, -83.3051



86.9787, 70.9071, -59.8442



86.9787, 53.0456, 46.8040

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9786, -60.8689, 40.8468



86.9787, -72.0474, -13.0637



86.9787, 70.9071, -59.8442



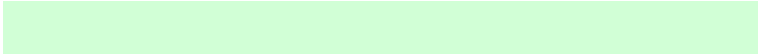
86.9787, 92.7473, 19.4199

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.9787, -60.8684, 40.8461



94.8366, -26.2915, 18.2461



95.3688, -28.4065, 50.4535



43.5353, -13.5929, 9.3327

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9787, -60.8684, 40.8461



85.8040, -66.4048, 44.9321



88.4482, -51.9511, 19.4574



44.9433, -7.7615, 5.7269



61.1729, -52.1609, 36.1397



19.1135, -16.1169, 10.9016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.8233, 74.2535, -40.8215



56.4463, 86.6230, -46.8935



57.8052, 61.3300, 1.0560



42.7384, 3.3346, -1.0676



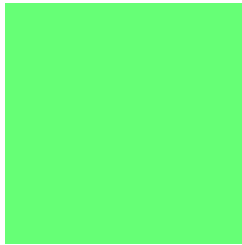
37.4946, 72.0774, -36.7530



11.7382, 22.6256, -11.9771

Previews

White Background



This preview shows how the HunterLab color 86.9786, -60.8689, 40.8468 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 86.9786, -60.8689, 40.8468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

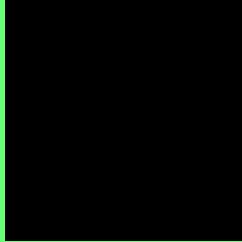
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 86.9786, -60.8689, 40.8468 Background



This preview shows how black text looks on a background with the HunterLab color 86.9786, -60.8689, 40.8468.



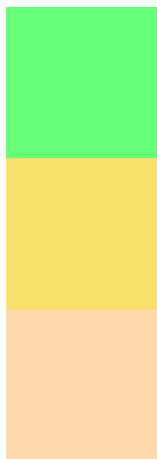
This preview shows how white text looks on a background with the HunterLab color 86.9786, -60.8689, 40.8468.

-60.8689, 40.8468.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.9786, -60.8689, 40.8468

Protanopia

86.2267, -9.9755, 43.2026

Deuteranopia

85.9668, 2.3711, 25.7470



Tritanopia

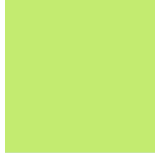
86.6282, -24.7255, -11.8043

Trichromacy



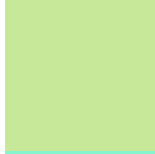
Original Color

86.9786, -60.8689, 40.8468



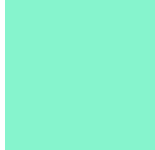
Protanomaly

84.9639, -32.8464, 41.0822



Deuteranomaly

84.6131, -25.9717, 30.5660



Tritanomaly

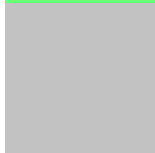
86.1263, -40.4588, 12.6016

Monochromacy



Original Color

86.9786, -60.8689, 40.8468



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

77.0986, -28.1060, 19.2725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9786, -60.8689, 40.8468 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(102, 255, 118)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(102, 255, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9786, -60.8689, 40.8468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 255, 118) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(102, 255, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(102, 255, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 118);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9786, -60.8689, 40.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(102,  
255, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor