

Converting Colors

HunterLab(59.5040, -40.1704,
30.7498)

Have a look what the booklet for
HunterLab(59.5040, -40.1704,
30.7498) contains.

HunterLab(59.5243, -40.0695, 30.6878)	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(59.5243,
-40.0695, 30.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	56B543
RGB	86, 181, 67
RGB Percent	34%, 71%, 26%
CMY	0.6627, 0.2902, 0.7372
CMYK	0.52, 0.00, 0.63, 0.29
HSL	110°, 46%, 49%
HSV	110°, 63%, 71%
XYZ	21.3747, 35.4314, 11.0226
YIQ	139.5990, -20.0260, -55.5940

Conversions

Conversions Part 2

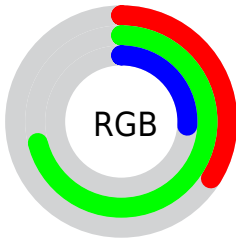
Format	Color
RYB	67, 181, 162
Decimal	5682499
CIELab	66.08, -49.75, 48.31
CIELCh	66, 69.346, 135.840
Yxy	35.4329, 0.3151, 0.5224
Android (android.graphics.Color)	4283872579 (0xFF56B543)
YUV	139.5990, -35.7913, -47.0063
Hunter-Lab	59.5243, -40.0695, 30.6878

Details

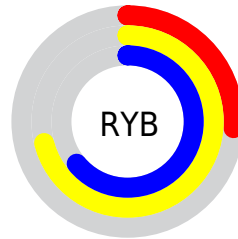
The HunterLab color **59.5243, -40.0695, 30.6878** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **38.7727, 48.3925, -42.1135**, and the grayscale version is **51.1955, -2.7317, 2.7815**.

A 20% lighter version of the original color is **82.6563, -46.9679, 37.5912**, and **39.1206, -32.6823, 23.2291** is the 20% darker color. If you saturate the color by 10%, you get **58.8273, -43.2652, 32.5739**, and if you desaturate by 10%, it is **60.3973, -36.1105, 28.1263**.

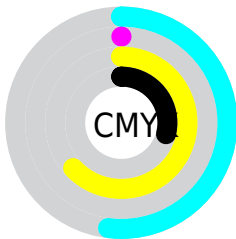
Distribution



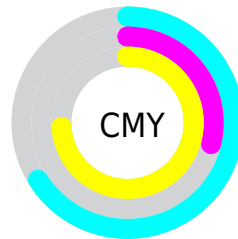
- Red (34%)
- Green (71%)
- Blue (26%)



- Red (26%)
- Yellow (71%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (63%)
- Black (29%)



- Cyan (66%)
- Magenta (29%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5243, -40.0695, 30.6878 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 59.5243, -40.0695, 30.6878 by changing the saturation by 10% instead.

■ 59.5243, -40.0695,
30.6878

■ 59.5243, -40.0695,
30.6878

180.6862,
-67.2876, 58.0403

■ 48.9863, -36.4868,
27.0668

■ 82.5566, -46.7482,
37.4360

■ 39.1549, -32.6794,
23.2332

■ 94.9796, -49.9030,
40.6173

■ 30.0866, -28.5769,
19.1450

■ 107.9700,
-52.9633, 43.6976

■ 21.8521, -24.0694,
15.2965

■ 121.5038,
-55.9444, 46.6924

■ 14.5463, -19.5907,
10.1824

■ 135.5602,
-58.8584, 49.6146

■ 8.2072, -14.3625,
5.7450

150.1204,

0.0000, NaN, NaN

-61.7152, 52.4744

0.0000, NaN, NaN

165.1675,
-64.5227, 55.2806

0.0000, NaN, NaN

■ 59.5243, -40.0695,
30.6878

■ 59.5243, -40.0695,
30.6878

■ 58.8273, -43.2652,
32.5739

■ 60.3973, -36.1105,
28.1263

■ 58.2949, -45.7032,
33.8163

■ 61.4468, -31.3992,
24.8801

■ 57.9170, -47.4204,
34.4784

■ 62.6759, -25.9698,
20.9612

■ 57.7301, -48.2639,
34.7281

■ 64.0836, -19.8693,
16.3974

■ 65.6671, -13.1552,
11.2282

■ 67.4220, -5.8905,
5.5015

■ 69.3426, 1.8597,
-0.7308

■ 71.4222, 10.0313,
-7.4150

■ 73.6536, 18.5633,
-14.4983

Harmonies

Analogous

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



59.5256, -18.5364, 35.9916



59.5243, -40.0695, 30.6878



59.5256, -50.5077, 15.4683

Triad

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



59.5256, -40.0705, 30.6881



59.5256, -17.0201, -81.6752



59.5256, 65.3957, 16.6887

Complementary

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



59.5243, -40.0695, 30.6878



38.7727, 48.3925, -42.1135

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.



59.5256, 66.0334, -12.3006



59.5243, -40.0695, 30.6878



59.5256, 13.9120, -80.7443

Square

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



59.5256, -40.0705, 30.6881



59.5256, -39.1565, -53.1990



59.5256, 45.6919, -51.0747



59.5256, 44.0951, 31.1886

Rectangle

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



59.5243, -40.0695, 30.6878



59.5256, -51.4831, -2.7994



59.5256, 45.6919, -51.0747



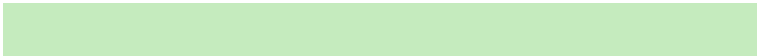
59.5256, 68.1607, 8.7064

Sweetspot

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



59.5256, -40.0705, 30.6881



86.5092, -23.3882, 19.4994



60.0595, -7.0528, 31.6422



39.9492, -12.0224, 9.9436



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



59.5256, -40.0705, 30.6881



78.3936, -59.4203, 44.4063



59.3823, -39.6232, 22.5527



30.9126, -4.9192, 4.2846



47.9536, -39.9785, 28.8489



8.6270, -6.5808, 5.2007

Inverse Universe

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



38.7727, 48.3925, -42.1135



46.6866, 77.0177, -69.3144



39.7771, 47.1659, -13.4004



29.2808, 1.8456, -1.1741



26.1740, 53.6105, -51.2002



4.8430, 9.7880, -8.4531

Previews

White Background



This preview shows how the HunterLab color 59.5243, -40.0695, 30.6878 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 59.5243, -40.0695, 30.6878 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 59.5243, -40.0695, 30.6878 Background



This preview shows how black text looks on a background with the HunterLab color 59.5243, -40.0695, 30.6878.



This preview shows how white text looks on a background with the HunterLab color 59.5243,

-40.0695, 30.6878.

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

59.5243, -40.0695, 30.6878

Protanopia

59.1130, -7.5042, 31.8657

Deuteranopia

59.0327, 4.2133, 29.5822



Tritanopia

59.1997, -16.0319, -8.6702

Trichromacy



Original Color

59.5243, -40.0695, 30.6878



Protanomaly

58.6378, -21.7131, 30.9973



Deuteranomaly

58.1752, -15.2664, 29.1559



Tritanomaly

58.8022, -26.6551, 10.3586

Monochromacy



Original Color

59.5243, -40.0695, 30.6878



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

53.5052, -18.7456, 15.3296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5243, -40.0695, 30.6878 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(86, 181, 67)` looks like.

```
.text, #text, p{  
    color:rgb(86, 181, 67)  
}
```

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(86, 181, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 181, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5243, -40.0695, 30.6878 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(86, 181, 67) }
```


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

```
.border{ border-color:rgb(86, 181, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 181, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 181, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 181, 67);  
box-shadow:4px 4px 4px 4px rgb(86, 181,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5243, -40.0695, 30.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 181, 67) }
```

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

```
.background{ background-color: rgb(86, 181,  
67) }
```

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