

Converting Colors

HunterLab(55.3476, 36.7462,
-66.5983)

Have a look what the booklet for
HunterLab(55.3476, 36.7462,
-66.5983) contains.

HunterLab(55.4665, 36.4713, -66.3127)	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(55.4665, 36.4713,
-66.3127)**

Conversions

Conversions Part 1

Format	Color
Hex	A680FF
RGB	166, 128, 255
RGB Percent	65%, 50%, 100%
CMY	0.3490, 0.4980, 0.0000
CMYK	0.35, 0.50, 0.00, 0.00
HSL	258°, 100%, 75%
HSV	258°, 50%, 100%
XYZ	41.4951, 30.7653, 98.3590
YIQ	153.8400, -18.1190, 47.5530

Conversions

Conversions Part 2

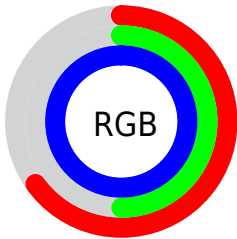
Format	Color
RYB	166, 128, 255
Decimal	10911999
CIELab	62.31, 41.77, -58.32
CIELCh	62, 71.733, 305.609
Yxy	30.7664, 0.2432, 0.1803
Android (android.graphics.Color)	4289102079 (0xFFA680FF)
YUV	153.8400, 49.8719, 10.6643
Hunter-Lab	55.4665, 36.4713, -66.3127

Details

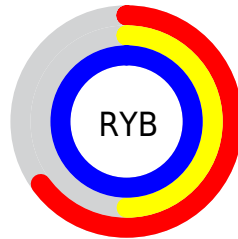
The HunterLab color $55.4665, 36.4713, -66.3127$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $93.7177, -33.9727, 44.2332$, and the grayscale version is $56.5911, -3.0196, 3.0747$.

A 20% lighter version of the original color is $75.1819, 23.9882, -27.8629$, and $35.6808, 33.1555, -65.2085$ is the 20% darker color. If you saturate the color by 10%, you get $48.0939, 46.0642, -86.1904$, and if you desaturate by 10%, it is $63.5154, 27.2871, -48.6984$.

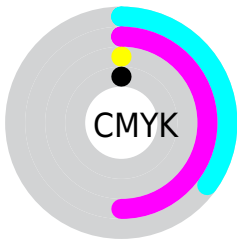
Distribution



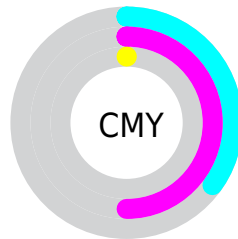
- Red (65%)
- Green (50%)
- Blue (100%)



- Red (65%)
- Yellow (50%)
- Blue (100%)



- Cyan (35%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4665, 36.4713, -66.3127 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 55.4665, 36.4713, -66.3127 by changing the saturation by 10% instead.

■ 55.4665, 36.4713,
-66.3127

■ 55.4665, 36.4713,
-66.3127

174.7743, 44.8831,
-73.0997

■ 45.1896, 35.0595,
-65.8793

■ 78.0206, 38.9577,
-67.6828

■ 35.6391, 33.5268,
-65.8181

■ 90.2226, 40.0489,
-68.4755

■ 26.8762, 31.8732,
-66.4558

■ 103.0018, 41.0486,
-69.2872

■ 18.9793, 30.1205,
-68.5108

116.3331, 41.9636,
-70.0966

■ 12.0565, 28.3689,
-73.8537

130.1946, 42.7996,
-70.8900

■ 5.0569, 38.3326,
-112.3595

144.5667, 43.5618,

0.0000, INF, -NF

-71.6585

0.0000, NaN, -NF

159.4319, 44.2550,
-72.3964

0.0000, NaN, -NF

■ 55.4665, 36.4713,
-66.3127

■ 55.4665, 36.4713,
-66.3127

■ 48.0939, 46.0642,
-86.1904

■ 63.5154, 27.2871,
-48.6984

■ 41.5871, 55.7765,
-108.2783

■ 72.0985, 18.5574,
-33.0488

■ 36.1974, 64.8109,
-131.5247

■ 81.1174, 10.2336,
-18.9870

■ 32.1970, 71.6641,
-153.1238

■ 90.5001, 2.2428,
-6.1761

■ 29.6554, 75.0368,
-169.5622

100.0000, -5.3358,
5.4332

■ 29.6124, 75.0931,
-169.8618

Harmonies

Analogous

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



55.4675, 3.0238, -89.1065



55.4665, 36.4713, -66.3127



55.4675, 62.9372, -26.0994

Triad

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



55.4675, 36.4710, -66.3103



55.4675, 24.0520, 33.9039



55.4675, -50.9338, -2.8534

Complementary

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



55.4665, 36.4713, -66.3127



93.7177, -33.9727, 44.2332

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.



55.4675, -47.7108, 21.7955



55.4665, 36.4713, -66.3127



55.4675, -8.7054, 35.0797

Square

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



55.4675, 36.4710, -66.3103



55.4675, 54.7285, 27.0302



55.4675, -33.7512, 32.2635



55.4675, -43.7982, -41.5509

Rectangle

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



55.4665, 36.4713, -66.3127



55.4675, 70.4286, -1.5309



55.4675, -33.7512, 32.2635



55.4675, -51.0029, 7.2138

Sweetspot

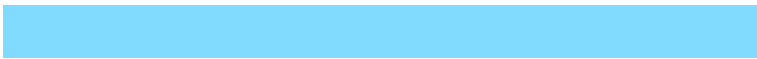
The Sweet Spot groups the original color and five complimentary colors.



55.4675, 36.4710, -66.3103



85.5821, 6.3587, -12.6963



79.0452, -20.2512, -22.6103



38.6830, 3.7246, -7.1359

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4675, 36.4710, -66.3103



47.9566, 46.2560, -86.6056



62.5049, 55.1115, -50.2615



42.0014, 0.9293, -2.6879



21.5619, 54.4215, -121.6938



7.1171, 17.3493, -35.4081

Inverse Universe

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



64.5822, 56.9169, -19.4736



59.4786, 68.5557, -22.4208



89.4978, -50.3686, 40.7367



42.6642, 2.9375, -0.0138



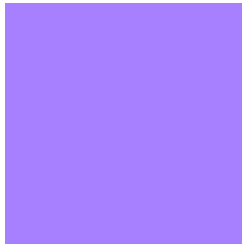
35.8199, 66.1495, -14.1157



11.2632, 20.9484, -5.5891

Previews

White Background



This preview shows how the HunterLab color 55.4665, 36.4713, -66.3127 looks on a white background.

Color Contrast Check

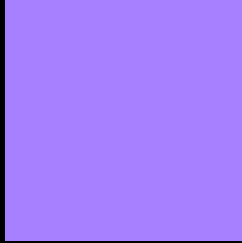
Large Text (above 18pt) WCAG AA × Fail

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 55.4665, 36.4713, -66.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

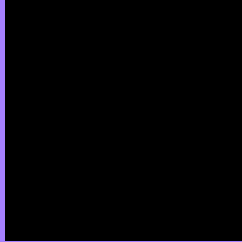
Any Text WCAG AA ✓ Pass

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 55.4665, 36.4713, -66.3127 Background



This preview shows how black text looks on a background with the HunterLab color 55.4665, 36.4713, -66.3127.



This preview shows how white text looks on a background with the HunterLab color 55.4665, 36.4713, -66.3127.

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

55.4665, 36.4713, -66.3127

Protanopia

55.7050, 12.0824, -66.1597

Deuteranopia

55.9374, 4.9573, -61.3081



Tritanopia

55.2561, -2.1051, -2.6662

Trichromacy



Original Color

55.4665, 36.4713, -66.3127

Protanomaly

55.2161, 20.3343, -67.2081

Deuteranomaly

55.0005, 15.1727, -65.1212

Tritanomaly

54.8670, 10.6062, -22.4401

Monochromacy



Original Color

55.4665, 36.4713, -66.3127

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

55.9299, 9.4526, -17.6223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4665, 36.4713, -66.3127 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(166, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 255)  
}
```

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(166, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4665, 36.4713, -66.3127 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(166, 128, 255) }
```


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

```
.border{ border-color:rgb(166, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4665, 36.4713, -66.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 255) }
```

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

```
.background{ background-color: rgb(166,  
128, 255) }
```

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