

Converting Colors

HunterLab(53.8810, 34.9827,
-46.1556)

Have a look what the booklet for
HunterLab(53.8810, 34.9827,
-46.1556) contains.

HunterLab(53.9065, 35.0674, -46.0999)	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(53.9065, 35.0674,
-46.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	B17BE3
RGB	177, 123, 227
RGB Percent	69%, 48%, 89%
CMY	0.3059, 0.5176, 0.1098
CMYK	0.22, 0.46, 0.00, 0.11
HSL	271°, 65%, 69%
HSV	271°, 46%, 89%
XYZ	39.0796, 29.0591, 76.2223
YIQ	151.0020, -1.2000, 43.7920

Conversions

Conversions Part 2

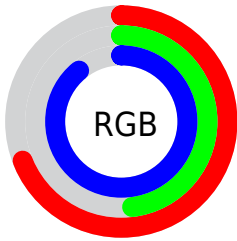
Format	Color
RYB	177, 123, 227
Decimal	11631587
CIELab	60.83, 40.62, -45.11
CIELCh	61, 60.702, 311.999
Yxy	29.0603, 0.2707, 0.2013
Android (android.graphics.Color)	4289821667 (0xFFB17BE3)
YUV	151.0020, 37.4670, 22.8002
Hunter-Lab	53.9065, 35.0674, -46.0999

Details

The HunterLab color $53.9065, 35.0674, -46.0999$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $80.7794, -34.6818, 35.4141$, and the grayscale version is $55.4855, -2.9606, 3.0146$.

A 20% lighter version of the original color is $74.9378, 30.1278, -28.1489$, and $34.2236, 32.3955, -45.0915$ is the 20% darker color. If you saturate the color by 10%, you get $47.7864, 44.1093, -59.9504$, and if you desaturate by 10%, it is $60.5749, 26.0583, -33.3498$.

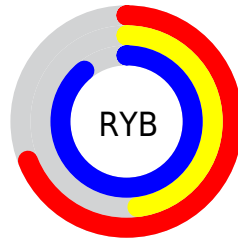
Distribution



Red (69%)

Green (48%)

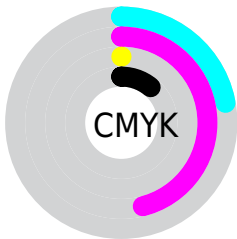
Blue (89%)



Red (69%)

Yellow (48%)

Blue (89%)

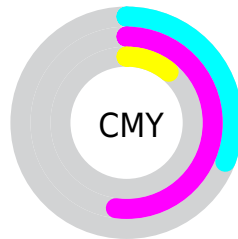


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.9065, 35.0674, -46.0999 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 53.9065, 35.0674, -46.0999 by changing the saturation by 10% instead.

■ 53.9065, 35.0674,
-46.0999

■ 53.9065, 35.0674,
-46.0999

172.4816, 43.2261,
-51.6442

■ 43.7338, 33.6811,
-45.4517

■ 76.2711, 37.4984,
-47.5153

■ 34.2953, 32.1730,
-44.9463

■ 88.3857, 38.5613,
-48.2158

■ 25.6546, 30.5422,
-44.7542

■ 101.0814, 39.5327,
-48.8884

■ 17.8937, 28.8120,
-45.2667

114.3327, 40.4192,
-49.5248

■ 11.1265, 27.0928,
-47.5480

128.1173, 41.2268,
-50.1205

■ 3.0400, 59.4113,
-106.0337

142.4152, 41.9608,

0.0000, INF, -NF

-50.6728

0.0000, NaN, -NF

157.2087, 42.6259,
-51.1809

0.0000, NaN, NaN

■ 53.9065, 35.0674,
-46.0999

■ 53.9065, 35.0674,
-46.0999

■ 47.7864, 44.1093,
-59.9504

■ 60.5749, 26.0583,
-33.3498

■ 42.3375, 52.8689,
-74.7593

■ 67.6900, 17.2183,
-21.6434

■ 37.7124, 60.7314,
-89.9533

■ 75.1777, 8.5837,
-10.8407

■ 34.0663, 66.7432,
-104.3235

■ 82.9808, 0.1470,
-0.7905

■ 31.4990, 69.8665,
-116.1597

■ 91.0556, -8.1169,
8.6453

■ 30.6404, 70.5727,
-120.5093

■ 97.9943, -14.0929,
16.1669

■ 99.0067, -10.4993,
17.3032

■ 99.1595, -9.9599,
17.4739

Harmonies

Analogous

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



53.9076, 7.9796, -67.9668



53.9065, 35.0674, -46.0999



53.9076, 53.7709, -14.0415

Triad

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



53.9076, 35.0666, -46.0982



53.9076, 13.5586, 31.4849



53.9076, -43.7783, -7.9892

Complementary

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



53.9065, 35.0674, -46.0999



80.7794, -34.6818, 35.4141

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.



53.9076, -42.8549, 15.7234



53.9065, 35.0674, -46.0999



53.9076, -12.9413, 31.8885

Square

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



53.9076, 35.0666, -46.0982



53.9076, 39.8156, 26.1333



53.9076, -32.5712, 27.7541



53.9076, -35.3929, -39.8938

Rectangle

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



53.9065, 35.0674, -46.0999



53.9076, 57.1485, 4.5769



53.9076, -32.5712, 27.7541



53.9076, -44.4944, 1.2384

Sweetspot

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



53.9076, 35.0666, -46.0982



87.2861, 8.1191, -10.3359



63.0457, -5.4898, -29.5920



39.5029, 4.7329, -5.9688

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.9076, 35.0666, -46.0982



54.8286, 49.8561, -67.6481



59.9572, 51.0445, -32.7919



37.7536, 1.5097, -2.0637



23.5482, 54.0621, -91.2564



6.8192, 15.1830, -22.7633

Inverse Universe

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



57.8921, 41.4625, -4.0919



60.7036, 57.8616, -4.9009



77.8612, -46.1076, 32.4633



38.0563, 2.1824, 1.0393



31.9267, 56.7706, 4.3892



8.7860, 15.8217, -0.3335

Previews

White Background



This preview shows how the HunterLab color 53.9065, 35.0674, -46.0999 looks on a white background.

Color Contrast Check

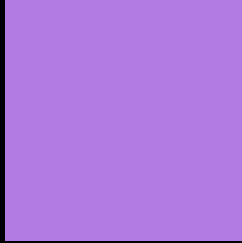
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9065, 35.0674, -46.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

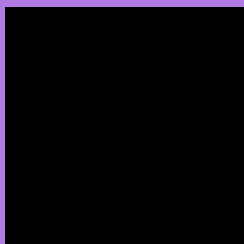
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.9065, 35.0674, -46.0999 Background



This preview shows how black text looks on a background with the HunterLab color 53.9065, 35.0674, -46.0999.



This preview shows how white text looks on a background with the HunterLab color 53.9065, 35.0674, -46.0999.

-46.0999.

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

53.9065, 35.0674, -46.0999

Protanopia

54.3529, 10.8943, -60.5504

Deuteranopia

54.0474, 4.5603, -42.4271



Tritanopia

53.7429, 6.5003, 0.9299

Trichromacy



Original Color

53.9065, 35.0674, -46.0999

Protanomaly

53.4852, 18.5261, -56.3862

Deuteranomaly

53.5814, 14.6180, -44.7618

Tritanomaly

53.6096, 16.1407, -13.8502

Monochromacy



Original Color

53.9065, 35.0674, -46.0999

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

54.5692, 9.6975, -12.5422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.9065, 35.0674, -46.0999 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(177, 123, 227)` looks like.

```
.text, #text, p{  
    color:rgb(177, 123, 227)  
}
```

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(177, 123, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 123, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 53.9065, 35.0674, -46.0999 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(177, 123, 227) }
```


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

```
.border{ border-color:rgb(177, 123, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 123, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 123, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 123, 227); box-shadow:4px 4px 4px 4px rgb(177, 123, 227) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.9065, 35.0674, -46.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 123, 227) }
```

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

```
.background{ background-color: rgb(177,  
123, 227) }
```

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