

Converting Colors

HunterLab(64.9547, -6.8069,
-46.4515)

Have a look what the booklet for
HunterLab(64.9547, -6.8069,
-46.4515) contains.

HunterLab(64.9536, -6.8070, -46.4536)	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(64.9536, -6.8070,
-46.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB4FF
RGB	93, 180, 255
RGB Percent	36%, 71%, 100%
CMY	0.6353, 0.2941, 0.0000
CMYK	0.64, 0.29, 0.00, 0.00
HSL	208°, 100%, 68%
HSV	208°, 64%, 100%
XYZ	38.8855, 42.1897, 100.7018
YIQ	162.5370, -75.9270, 4.8810

Conversions

Conversions Part 2

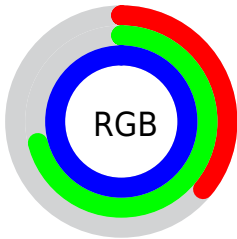
Format	Color
R _Y B	93, 150, 255
Decimal	6141183
CIE Lab	71.00, -3.82, -44.86
CIE LCh	71, 45.018, 265.126
Yxy	42.1911, 0.2139, 0.2321
Android (android.graphics.Color)	4284331263 (0xFF5DB4FF)
YUV	162.5370, 45.5843, -60.9839
Hunter-Lab	64.9536, -6.8070, -46.4536

Details

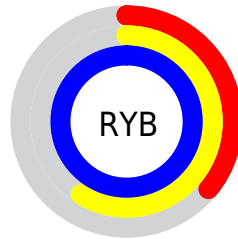
The HunterLab color **64.9536, -6.8070, -46.4536** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **70.7518, 20.5450, 35.2766**, and the grayscale version is **60.1719, -3.2106, 3.2693**.

A 20% lighter version of the original color is **86.1852, -22.9203, -12.3786**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.4229, -4.0018, -55.6717**, and if you desaturate by 10%, it is **69.8014, -8.6153, -37.5003**.

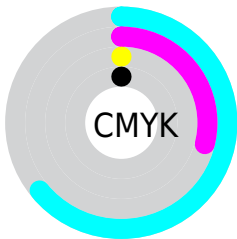
Distribution



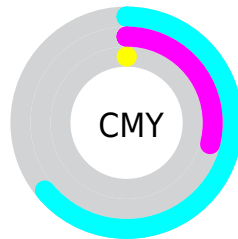
- Red (36%)
- Green (71%)
- Blue (100%)



- Red (36%)
- Yellow (59%)
- Blue (100%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9536, -6.8070, -46.4536 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 64.9536, -6.8070, -46.4536 by changing the saturation by 10% instead.

■ 64.9536, -6.8070,
-46.4536

■ 64.9536, -6.8070,
-46.4536

188.4873,
-14.8527, -51.6679

■ 54.0841, -6.0244,
-45.7488

■ 88.5939, -8.4404,
-47.8602

■ 43.8985, -5.2647,
-45.0991

■ 101.2991, -9.2911,
-48.5282

■ 34.4472, -4.5269,
-44.5848

■ 114.5595,
-10.1642, -49.1595

■ 25.7925, -3.8095,
-44.3728

■ 128.3529,
-11.0594, -49.7495

■ 18.0160, -3.1089,
-44.8425

142.6593,
-11.9761, -50.2961

■ 11.2310, -2.4173,
-47.0213

157.4609,

■ 3.3314, -5.1808,

-12.9142, -50.7980

-96.5052

172.7418,
-13.8731, -51.2552

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9536, -6.8070,
-46.4536

■ 64.9536, -6.8070,
-46.4536

■ 60.4229, -4.0018,
-55.6717

■ 69.8014, -8.6153,
-37.5003

■ 56.2323, -0.1312,
-65.1044

■ 74.9350, -9.5214,
-28.8475

■ 52.4012, 4.8171,
-74.6715

■ 80.3283, -9.6265,
-20.5001

■ 50.0946, 8.4973,
-80.9571

■ 85.9564, -9.0280,
-12.4495

■ 91.7969, -7.8153,

-4.6775

97.8301, -6.0669,
2.8391

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.



64.9547, -24.6395, -35.6902



64.9536, -6.8070, -46.4536



64.9547, 14.2562, -40.7744

Triad

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



64.9547, -6.8069, -46.4515



64.9547, 36.5097, 17.6104



64.9547, -32.9281, 21.6298

Complementary

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



64.9536, -6.8070, -46.4536



70.7518, 20.5450, 35.2766

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.



64.9547, -19.4768, 29.2705



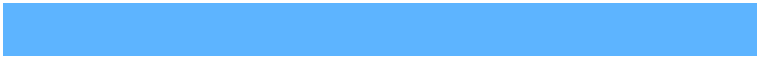
64.9536, -6.8070, -46.4536



64.9547, 20.8161, 27.5090

Square

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



64.9547, -6.8069, -46.4515



64.9547, 40.9933, 0.2456



64.9547, -0.0629, 31.0255



64.9547, -38.4721, 6.6621

Rectangle

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



64.9536, -6.8070, -46.4536



64.9547, 27.1164, -29.1397



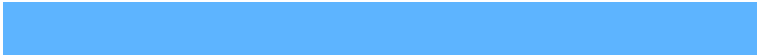
64.9547, -0.0629, 31.0255



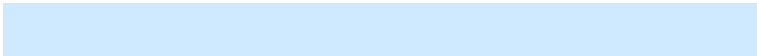
64.9547, -29.2696, 24.9305

Sweetspot

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



64.9547, -6.8069, -46.4515



88.5747, -8.5503, -8.8988



87.5199, -56.9970, 28.5227



40.2108, -4.1020, -5.1522

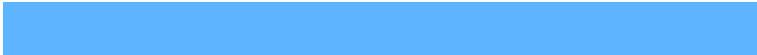
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9547, -6.8069, -46.4515



59.3534, -3.1452, -57.9885



43.4466, 35.8399, -101.7087



43.5817, -3.3183, -0.7520



36.6261, 5.3652, -57.3614



12.3486, 0.0305, -15.5005

Inverse Universe

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



56.9084, 67.8857, -8.7332



52.2930, 78.2595, -6.9169



94.0804, -19.5976, 51.1011



42.6031, 2.6100, 0.8551



34.7594, 62.3269, 0.7536



10.9475, 19.8154, -1.2002

Previews

White Background



This preview shows how the HunterLab color 64.9536, -6.8070, -46.4536 looks on a white background.

Color Contrast Check

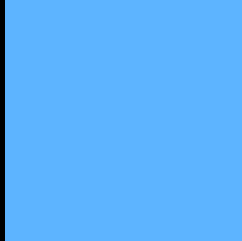
Large Text (above 18pt) WCAG AA × Fail

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 64.9536, -6.8070, -46.4536 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

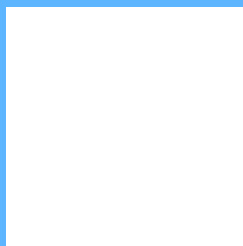
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9536, -6.8070, -46.4536 Background



This preview shows how black text looks on a background with the HunterLab color 64.9536, -6.8070, -46.4536.



This preview shows how white text looks on a background with the HunterLab color 64.9536, -6.8070, -46.4536.

-46.4536.

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

64.9536, -6.8070, -46.4536

Protanopia

64.6226, 6.7233, -40.7966

Deuteranopia

64.8409, 5.2305, -46.4623



Tritanopia

65.1368, -26.9885, -12.9087

Trichromacy



Original Color

64.9536, -6.8070, -46.4536

Protanomaly

64.6246, 0.9638, -43.1384

Deuteranomaly

64.7649, 0.3933, -46.6954

Tritanomaly

64.7935, -20.1113, -24.3088

Monochromacy



Original Color

64.9536, -6.8070, -46.4536

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

61.4530, -6.9457, -12.6409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9536, -6.8070, -46.4536 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(93, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 180, 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(93, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 180, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9536, -6.8070, -46.4536 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(93, 180, 255) }
```


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

```
.border{ border-color:rgb(93, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 180,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9536, -6.8070, -46.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 180, 255) }
```

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

```
.background{ background-color: rgb(93, 180,  
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