

Converting Colors

HunterLab(21.7329, 45.3152,
-48.7219)

Have a look what the booklet for
HunterLab(21.7329, 45.3152,
-48.7219) contains.

HunterLab(21.6618, 45.1716, -48.5997)	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(21.6618, 45.1716,
-48.5997)**

Conversions

Conversions Part 1

Format	Color
Hex	680087
RGB	104, 0, 135
RGB Percent	41%, 0%, 53%
CMY	0.5922, 1.0000, 0.4706
CMYK	0.23, 1.00, 0.00, 0.47
HSL	286°, 100%, 26%
HSV	286°, 100%, 53%
XYZ	10.0821, 4.6923, 23.2960
YIQ	46.4860, 18.6490, 64.0330

Conversions

Conversions Part 2

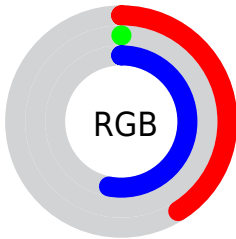
Format	Color
RYB	104, 0, 135
Decimal	6815879
CIELab	25.84, 56.34, -47.48
CIElCh	26, 73.683, 319.878
Yxy	4.6925, 0.2648, 0.1233
Android (android.graphics.Color)	4285005959 (0xFF680087)
YUV	46.4860, 43.6374, 50.4398
Hunter-Lab	21.6618, 45.1716, -48.5997

Details

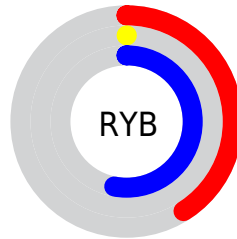
The HunterLab color **21.6618, 45.1716, -48.5997** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41.9754, -34.2101, 25.2660**, and the grayscale version is **16.5464, -0.8829, 0.8990**.

A 20% lighter version of the original color is **38.8064, 49.3391, -48.7805**, and **11.4813, 25.2370, -35.7969** is the 20% darker color. If you saturate the color by 10%, you get **21.6619, 45.1718, -48.5995**, and if you desaturate by 10%, it is **22.7646, 43.2721, -44.9143**.

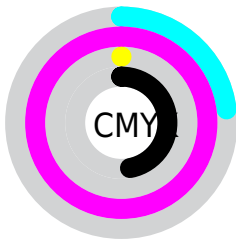
Distribution



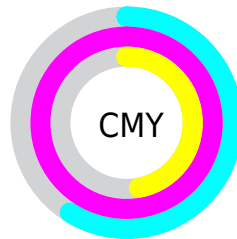
- Red (41%)
- Green (0%)
- Blue (53%)



- Red (41%)
- Yellow (0%)
- Blue (53%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6618, 45.1716, -48.5997 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 21.6618, 45.1716, -48.5997 by changing the saturation by 10% instead.

■ 21.6618, 45.1716,
-48.5997

■ 21.6618, 45.1716,
-48.5997

■ 121.1670, 60.9368,
-53.3748

■ 14.3806, 43.3054,
-50.1488

■ 38.9241, 49.2738,
-48.6223

■ 8.0408, 43.4491,
-56.3035

■ 48.7376, 51.2440,
-49.1745

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.2601, 53.1146,
-49.8483

0.0000, NaN, -NF

■ 70.4469, 54.8795,
-50.5715

0.0000, NaN, NaN

■ 82.2605, 56.5398,
-51.3043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.6694, 58.0995,

-52.0238

0.0000, NaN, NaN

107.6462, 59.5634,
-52.7166

21.6618, 45.1716,
-48.5997

21.6618, 45.1716,
-48.5997

21.6619, 45.1718,
-48.5995

22.7646, 43.2721,
-44.9143

24.2100, 40.3627,
-40.5104

26.1377, 36.1960,
-35.2555

28.5106, 31.1747,
-29.5538

31.2750, 25.6704,
-23.7333

■ 34.3749, 19.9544,
-18.0047

■ 37.7591, 14.1965,
-12.4766

■ 41.3845, 8.4896,
-7.1896

■ 45.2155, 2.8768,
-2.1449

Harmonies

Analogous

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



21.6622, 16.3862, -90.2213



21.6618, 45.1716, -48.5997



21.6622, 63.4155, -7.7842

Triad

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



21.6622, 45.1713, -48.5985



21.6622, 7.3414, 15.1635



21.6622, -29.3275, -19.0376

Complementary

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



21.6618, 45.1716, -48.5997



41.9754, -34.2101, 25.2660

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.



21.6622, -30.0577, 7.4389



21.6618, 45.1716, -48.5997



21.6622, -14.4445, 15.1635

Square

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



21.6622, 45.1713, -48.5985



21.6622, 36.1850, 15.1635



21.6622, -25.9621, 15.1635



21.6622, -23.2135, -63.8445

Rectangle

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



21.6618, 45.1716, -48.5997



21.6622, 63.4808, 7.3176



21.6622, -25.9621, 15.1635



21.6622, -30.0695, -7.5357

Sweetspot

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



21.6622, 45.1713, -48.5985



50.2134, 19.5165, -17.1853



16.6004, 23.3845, -71.2287



23.3489, 10.7525, -9.5637



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



21.6622, 45.1713, -48.5985



28.8601, 60.2779, -65.4908



24.6006, 45.7903, -12.4902



21.7034, 1.1359, -0.8141



20.8160, 43.3969, -46.6169



1.3515, 2.7279, -2.3319

Inverse Universe

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



22.9127, 39.6697, 11.4584



30.6272, 52.9591, 15.8434



41.7797, -34.7374, 22.7674



21.6909, 0.8267, 1.2382



22.0064, 38.1094, 10.9428



1.3319, 2.3772, 0.1138

Previews

White Background



This preview shows how the HunterLab color 21.6618, 45.1716, -48.5997 looks on a white 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

Black Background



This preview shows how the HunterLab color 21.6618, 45.1716, -48.5997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

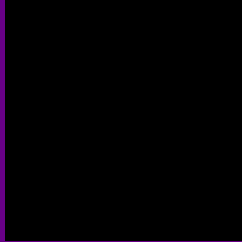
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.6618, 45.1716, -48.5997 Background



This preview shows how black text looks on a background with the HunterLab color 21.6618, 45.1716, -48.5997.



This preview shows how white text looks on a background with the HunterLab color 21.6618, 45.1716, -48.5997.

-48.5997.

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

21.6618, 45.1716, -48.5997

Protanopia

22.5476, 6.6111, -42.4541

Deuteranopia

22.6588, 0.0722, -28.4774



Tritanopia

22.6206, 11.1158, 3.9875

Trichromacy



Original Color

21.6618, 45.1716, -48.5997

Protanomaly

18.7858, 21.1878, -56.9507

Deuteranomaly

18.6364, 16.6189, -46.8028

Tritanomaly

20.7044, 24.4236, -11.4255

Monochromacy



Original Color

21.6618, 45.1716, -48.5997

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1928, 17.1809, -16.1123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6618, 45.1716, -48.5997 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(104, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 135)  
}
```

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(104, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6618, 45.1716, -48.5997 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(104, 0, 135) }
```


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

```
.border{ border-color:rgb(104, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(104, 0,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.6618, 45.1716, -48.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 135) }
```

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

```
.background{ background-color: rgb(104, 0,  
135) }
```

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