

Converting Colors

HunterLab(45.5363, 4.6627,
-50.4847)

Have a look what the booklet for
HunterLab(45.5363, 4.6627,
-50.4847) contains.

HunterLab(45.3985, 4.8543, -50.7200)	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(45.3985, 4.8543,
-50.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	477DD1
RGB	71, 125, 209
RGB Percent	28%, 49%, 82%
CMY	0.7215, 0.5098, 0.1804
CMYK	0.66, 0.40, 0.00, 0.18
HSL	217°, 60%, 55%
HSV	217°, 66%, 82%
XYZ	21.4407, 20.6102, 63.1697
YIQ	118.4300, -59.1480, 14.6760

Conversions

Conversions Part 2

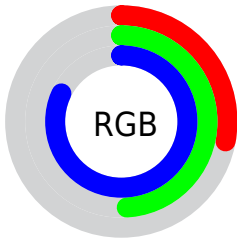
Format	Color
RYB	71, 110, 209
Decimal	4685265
CIELab	52.52, 9.03, -48.67
CIELCh	53, 49.497, 280.507
Yxy	20.6109, 0.2038, 0.1959
Android (android.graphics.Color)	4282875345 (0xFF477DD1)
YUV	118.4300, 44.6510, -41.5961
Hunter-Lab	45.3985, 4.8543, -50.7200

Details

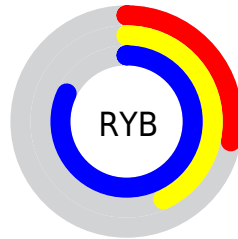
The HunterLab color **45.3985, 4.8543, -50.7200** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **61.2009, 7.0982, 32.0596**, and the grayscale version is **42.5801, -2.2720, 2.3135**.

A 20% lighter version of the original color is **66.0074, 1.5478, -44.2791**, and **27.6421, 6.4290, -48.4286** is the 20% darker color. If you saturate the color by 10%, you get **41.1513, 8.9014, -61.3976**, and if you desaturate by 10%, it is **49.9718, 1.7140, -40.7478**.

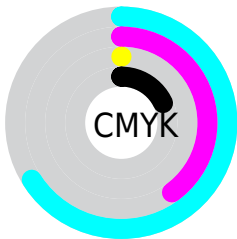
Distribution



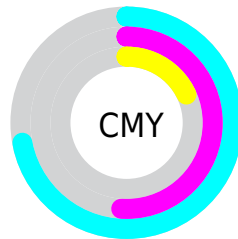
- Red (28%)
- Green (49%)
- Blue (82%)



- Red (28%)
- Yellow (43%)
- Blue (82%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3985, 4.8543, -50.7200 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 45.3985, 4.8543, -50.7200 by changing the saturation by 10% instead.

■ 45.3985, 4.8543,
-50.7200

■ 45.3985, 4.8543,
-50.7200

■ 159.7509, 2.3510,
-56.7879

■ 35.8328, 4.8486,
-50.2640

■ 66.6626, 4.6573,
-52.0626

■ 27.0525, 4.7577,
-50.1765

■ 78.2720, 4.4684,
-52.8028

■ 19.1364, 4.5658,
-50.8767

■ 90.4865, 4.2267,
-53.5413

■ 12.1916, 4.2475,
-53.4613

■ 103.2776, 3.9364,
-54.2604

■ 5.2829, 7.1629,
-76.2826

■ 116.6203, 3.6010,
-54.9497

0.0000, NaN, -NF

0.0000, NaN, -NF

130.4928, 3.2234,

-55.6029

0.0000, NaN, -NF

144.8754, 2.8060,
-56.2163

0.0000, NaN, NaN

■ 45.3985, 4.8543,
-50.7200

■ 45.3985, 4.8543,
-50.7200

■ 41.1513, 8.9014,
-61.3976

■ 49.9718, 1.7140,
-40.7478

■ 37.2790, 13.9399,
-72.7233

■ 54.8240, -0.6372,
-31.4647

■ 33.8329, 19.9707,
-84.5131

■ 59.9183, -2.3155,
-22.8086

■ 32.5646, 22.5430,
-89.3668

■ 65.2235, -3.4262,
-14.7039

■ 70.7144, -4.0593,
-7.0738

■ 76.3700, -4.2898,
0.1527

■ 82.1734, -4.1792,
7.0380

■ 88.1104, -3.7779,
13.6361

■ 93.7502, -4.5794,
19.5391

Harmonies

Analogous

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



45.3992, -14.6378, -47.7766



45.3985, 4.8543, -50.7200



45.3992, 25.5661, -35.4075

Triad

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



45.3992, 4.8550, -50.7189



45.3992, 30.9299, 20.4780



45.3992, -33.4667, 13.1252

Complementary

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



45.3985, 4.8543, -50.7200



61.2009, 7.0982, 32.0596

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.



45.3992, -24.9396, 22.5051



45.3985, 4.8543, -50.7200



45.3992, 11.2335, 25.2879

Square

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



45.3992, 4.8550, -50.7189



45.3992, 42.2695, 8.6887



45.3992, -9.2730, 25.8196



45.3992, -34.5710, -4.7728

Rectangle

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



45.3985, 4.8543, -50.7200



45.3992, 36.4380, -19.6628



45.3992, -9.2730, 25.8196



45.3992, -31.4539, 17.1235

Sweetspot

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



45.3992, 4.8550, -50.7189



85.6414, -4.8168, -12.8099



70.1909, -43.4496, 16.7392



38.7189, -2.1201, -7.1874

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.3992, 4.8550, -50.7189



49.5941, 13.4458, -82.3091



33.2163, 35.8672, -86.5772



34.8792, -1.9927, -1.0550



25.9182, 16.8710, -68.8150



7.2679, 1.5633, -12.4589

Inverse Universe

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



44.2081, 52.8530, 2.1444



50.5300, 76.6444, 6.7066



75.9508, -23.6388, 41.7321



34.4728, 1.7957, 1.3202



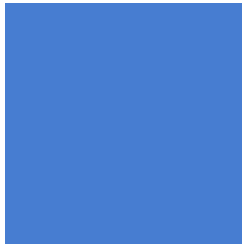
29.5794, 51.9795, 8.8511



7.1036, 12.6903, 0.5196

Previews

White Background



This preview shows how the HunterLab color 45.3985, 4.8543, -50.7200 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 45.3985, 4.8543, -50.7200 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

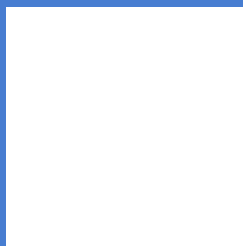
Any Text WCAG AAA × Fail

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

HunterLab 45.3985, 4.8543, -50.7200 Background



This preview shows how black text looks on a background with the HunterLab color 45.3985, 4.8543, -50.7200.



This preview shows how white text looks on a background with the HunterLab color 45.3985, 4.8543, -50.7200.

-50.7200.

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

45.3985, 4.8543, -50.7200

Protanopia

45.3310, 8.5469, -48.2913

Deuteranopia

45.5175, 3.8118, -50.4590



Tritanopia

45.4466, -20.1884, -9.4443

Trichromacy



Original Color

45.3985, 4.8543, -50.7200

Protanomaly

45.2879, 7.1142, -49.2522

Deuteranomaly

45.5567, 3.9425, -50.3651

Tritanomaly

45.0513, -12.0183, -23.1551

Monochromacy



Original Color

45.3985, 4.8543, -50.7200

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.2155, -2.1458, -13.5768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3985, 4.8543, -50.7200 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(71, 125, 209)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 209)  
}
```

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(71, 125, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3985, 4.8543, -50.7200 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(71, 125, 209) }
```


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

```
.border{ border-color:rgb(71, 125, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 209);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3985, 4.8543, -50.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 209) }
```

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

```
.background{ background-color: rgb(71, 125,  
209) }
```

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](#).

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