

Converting Colors

HunterLab(46.4562, -5.4777,
-20.5154)

Have a look what the booklet for
HunterLab(46.4562, -5.4777,
-20.5154) contains.

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Color

**HunterLab(46.4399, -5.4657,
-20.6686)**

Conversions

Conversions Part 1

Format	Color
Hex	5984AB
RGB	89, 132, 171
RGB Percent	35%, 52%, 67%
CMY	0.6510, 0.4823, 0.3294
CMYK	0.48, 0.23, 0.00, 0.33
HSL	209°, 33%, 51%
HSV	209°, 48%, 67%
XYZ	19.7218, 21.5666, 41.6514
YIQ	123.5890, -38.1470, 3.0130

Conversions

Conversions Part 2

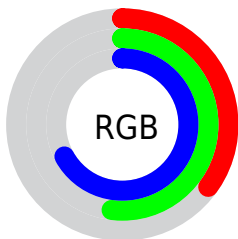
Format	Color
R_{YB}	89, 117, 171
Decimal	5866667
CIE _{Lab}	53.57, -3.84, -25.25
CIE _{LCh}	54, 25.535, 261.360
Yxy	21.5674, 0.2378, 0.2600
Android (android.graphics.Color)	4284056747 (0xFF5984AB)
YUV	123.5890, 23.3736, -30.3346
Hunter-Lab	46.4399, -5.4657, -20.6686

Details

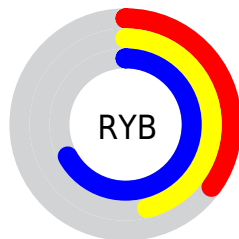
The HunterLab color $46.4399, -5.4657, -20.6686$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $49.8180, 7.1156, 19.5730$, and the grayscale version is $44.6580, -2.3828, 2.4264$.

A 20% lighter version of the original color is $67.8443, -7.1614, -21.1993$, and $28.0031, -4.0653, -19.7679$ is the 20% darker color. If you saturate the color by 10%, you get $43.2399, -4.6355, -26.2668$, and if you desaturate by 10%, it is $49.8061, -5.7891, -15.2759$.

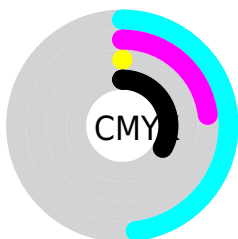
Distribution



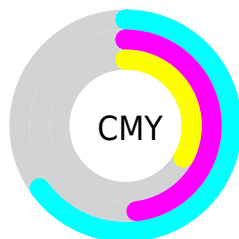
- Red (35%)
- Green (52%)
- Blue (67%)



- Red (35%)
- Yellow (46%)
- Blue (67%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4399, -5.4657, -20.6686 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 46.4399, -5.4657, -20.6686 by changing the saturation by 10% instead.

■ 46.4399, -5.4657,
-20.6686

■ 46.4399, -5.4657,
-20.6686

161.3316,
-13.1711, -22.6015

■ 36.7959, -4.7218,
-20.1740

■ 67.8454, -7.0209,
-21.4911

■ 27.9303, -3.9987,
-19.6450

■ 79.5194, -7.8326,
-21.8140

■ 19.9196, -3.2935,
-19.1283

■ 91.7954, -8.6671,
-22.0784

■ 12.8671, -2.5998,
-18.7626

■ 104.6452, -9.5241,
-22.2865

■ 6.2823, -2.9962,
-21.9540

118.0442,
-10.4034, -22.4405

0.0000, NaN, -NF

0.0000, NaN, NaN

131.9708,

-11.3046, -22.5428

0.0000, NaN, NaN

146.4057,
-12.2273, -22.5957

0.0000, NaN, NaN

■ 46.4399, -5.4657,
-20.6686

■ 46.4399, -5.4657,
-20.6686

■ 43.2399, -4.6355,
-26.2668

■ 49.8061, -5.7891,
-15.2759

■ 40.2207, -3.2364,
-32.0684

■ 53.3201, -5.6661,
-10.0859

■ 37.4010, -1.2127,
-38.0522

■ 56.9684, -5.1526,
-5.0852

■ 34.7972, 1.4730,
-44.1799

■ 60.7384, -4.2984,
-0.2582

■ 32.4082, 4.7790,
-50.4336

■ 64.6193, -3.1468,
4.4121

■ 31.9332, 5.4888,
-51.7623

■ 68.6015, -1.7348,
8.9426

■ 72.6766, -0.0943,
13.3495

■ 76.8374, 1.7480,
17.6478

■ 81.0777, 3.7690,
21.8508

Harmonies

Analogous

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



46.4408, -14.3932, -15.0538



46.4399, -5.4657, -20.6686



46.4408, 5.0810, -19.0749

Triad

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



46.4408, -5.4658, -20.6677



46.4408, 17.7924, 8.9755



46.4408, -17.1806, 12.9656

Complementary

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



46.4399, -5.4657, -20.6686



49.8180, 7.1156, 19.5730

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.



46.4408, -9.5871, 17.0589



46.4399, -5.4657, -20.6686



46.4408, 10.7691, 15.1353

Square

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



46.4408, -5.4658, -20.6677



46.4408, 19.1431, -0.4416



46.4408, 0.5823, 17.7540



46.4408, -20.7529, 5.3134

Rectangle

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



46.4399, -5.4657, -20.6686



46.4408, 11.5834, -14.2634



46.4408, 0.5823, 17.7540



46.4408, -15.0473, 14.7259

Sweetspot

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



46.4408, -5.4658, -20.6677



78.0888, -6.5220, -4.3868



57.2621, -29.9723, 13.8749



36.3787, -3.1836, -2.7182



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



46.4408, -5.4658, -20.6677



57.4199, -6.0403, -35.9730



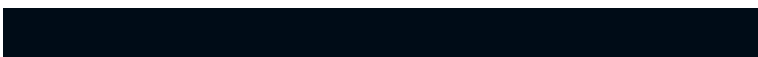
35.5993, 14.2938, -41.9821



29.0277, -2.1370, -0.4368



27.9165, 4.4070, -44.4067



5.7048, -1.0332, -4.9002

Inverse Universe

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



41.7964, 31.6271, -4.6592



50.9182, 52.5570, -6.7791



61.2238, -11.9489, 28.3632



28.4304, 1.5676, 0.6579



26.6266, 47.7132, 0.8160



4.5629, 8.3977, -1.5755

Previews

White Background



This preview shows how the HunterLab color 46.4399, -5.4657, -20.6686 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 46.4399, -5.4657, -20.6686 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

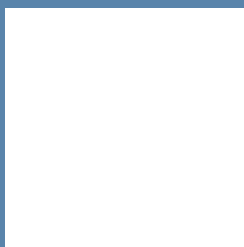
Any Text WCAG AAA × Fail

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

HunterLab 46.4399, -5.4657, -20.6686 Background



This preview shows how black text looks on a background with the HunterLab color 46.4399, -5.4657, -20.6686.



This preview shows how white text looks on a background with the HunterLab color 46.4399, -5.4657,

-20.6686.

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

46.4399, -5.4657, -20.6686

Protanopia

46.3612, 2.6945, -18.1398

Deuteranopia

46.4167, 3.2873, -21.1950



Tritanopia

46.3775, -13.6122, -6.9499

Trichromacy



Original Color

46.4399, -5.4657, -20.6686

Protanomaly

46.2507, -0.4685, -18.9987

Deuteranomaly

46.3477, 0.1908, -21.3660

Tritanomaly

46.5398, -10.8305, -11.5813

Monochromacy



Original Color

46.4399, -5.4657, -20.6686

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.2563, -4.4455, -5.2045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4399, -5.4657, -20.6686 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(89, 132, 171)` looks like.

```
.text, #text, p{  
    color:rgb(89, 132, 171)  
}
```

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(89, 132, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 132, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4399, -5.4657, -20.6686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

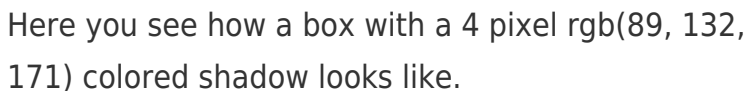
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 132, 171) }
```


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

```
.border{ border-color:rgb(89, 132, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 132, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 132, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 132, 171); box-shadow:4px 4px 4px 4px rgb(89, 132, 171) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4399, -5.4657, -20.6686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 132, 171) }
```

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

```
.background{ background-color: rgb(89, 132,  
171) }
```

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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