

Converting Colors

HunterLab(46.9983, 10.2246,
-58.9311)

Have a look what the booklet for
HunterLab(46.9983, 10.2246,
-58.9311) contains.

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Color

**HunterLab(46.9983, 10.2246,
-58.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	537EDF
RGB	83, 126, 223
RGB Percent	33%, 49%, 87%
CMY	0.6745, 0.5059, 0.1255
CMYK	0.63, 0.43, 0.00, 0.13
HSL	222°, 69%, 60%
HSV	222°, 63%, 87%
XYZ	24.3474, 22.0884, 72.7922
YIQ	124.2010, -56.7650, 21.0510

Conversions

Conversions Part 2

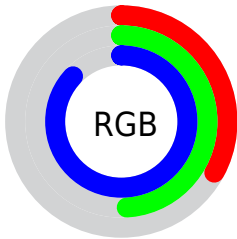
Format	Color
R_{YB}	83, 116, 223
Decimal	5471967
CIE _{Lab}	54.12, 15.30, -53.98
CIE _{LCh}	54, 56.108, 285.828
Yxy	22.0891, 0.2042, 0.1853
Android (android.graphics.Color)	4283662047 (0xFF537EDF)
YUV	124.2010, 48.7079, -36.1333
Hunter-Lab	46.9983, 10.2246, -58.9311

Details

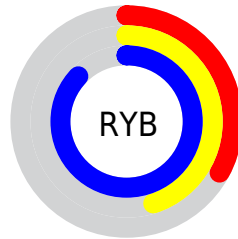
The HunterLab color **46.9983, 10.2246, -58.9311** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **69.9700, 0.8108, 36.1936**, and the grayscale version is **44.8064, -2.3908, 2.4344**.

A 20% lighter version of the original color is **67.0746, 3.6301, -42.2330**, and **28.7033, 10.0880, -57.6538** is the 20% darker color. If you saturate the color by 10%, you get **41.9302, 15.4301, -72.6085**, and if you desaturate by 10%, it is **52.4721, 6.0542, -46.4445**.

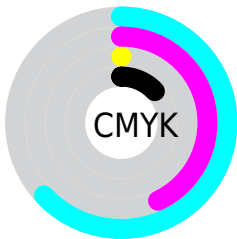
Distribution



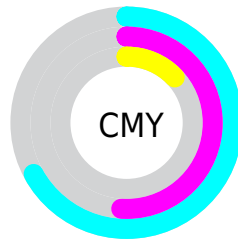
- Red (33%)
- Green (49%)
- Blue (87%)



- Red (33%)
- Yellow (45%)
- Blue (87%)



- Cyan (63%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9983, 10.2246, -58.9311 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 46.9983, 10.2246, -58.9311 by changing the saturation by 10% instead.

■ 46.9983, 10.2246,
-58.9311

■ 46.9983, 10.2246,
-58.9311

162.1762, 10.0495,
-65.3773

■ 37.3127, 9.8976,
-58.6000

■ 68.4786, 10.6216,
-60.2066

■ 28.4019, 9.4656,
-58.7465

■ 80.1869, 10.7093,
-60.9672

■ 20.3412, 8.9100,
-59.8642

■ 92.4955, 10.7328,
-61.7482

■ 13.2320, 8.2040,
-63.1958

■ 105.3765, 10.6975,
-62.5257

■ 6.7547, 9.5115,
-78.5657

118.8054, 10.6080,
-63.2851

0.0000, NaN, -NF

0.0000, NaN, -NF

132.7608, 10.4681,

-64.0170

0.0000, NaN, -NF

147.2235, 10.2810,
-64.7156

0.0000, NaN, NaN

■ 46.9983, 10.2246,
-58.9311

■ 46.9983, 10.2246,
-58.9311

■ 41.9302, 15.4301,
-72.6085

■ 52.4721, 6.0542,
-46.4445

■ 37.3494, 21.7867,
-87.4274

■ 58.2821, 2.7603,
-35.0582

■ 33.3536, 29.2810,
-103.0352

■ 64.3767, 0.1924,
-24.6243

■ 30.8562, 35.1817,
-114.5148

■ 70.7149, -1.7800,
-14.9904

■ 77.2647, -3.2638,
-6.0184

■ 84.0011, -4.3451,
2.4097

■ 90.9037, -5.0922,
10.3916

■ 97.3234, -7.7702,
17.3040

■ 99.0494, -10.5690,
19.0597

Harmonies

Analogous

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



46.9990, -12.8959, -59.5926



46.9983, 10.2246, -58.9311



46.9990, 33.7697, -37.4223

Triad

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



46.9990, 10.2253, -58.9298



46.9990, 32.6082, 23.8906



46.9990, -38.2811, 11.7701

Complementary

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



46.9983, 10.2246, -58.9311



69.9700, 0.8108, 36.1936

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.



46.9990, -30.3085, 23.5009



46.9983, 10.2246, -58.9311



46.9990, 8.8636, 27.8504

Square

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



46.9990, 10.2253, -58.9298



46.9990, 48.2973, 12.6832



46.9990, -14.0194, 27.7542



46.9990, -38.0574, -10.4835

Rectangle

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



46.9983, 10.2246, -58.9311



46.9990, 45.2516, -18.2346



46.9990, -14.0194, 27.7542



46.9990, -36.5495, 16.7769

Sweetspot

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



46.9990, 10.2253, -58.9298



85.0651, -2.7600, -13.5728



76.0633, -43.7966, 12.9964



38.3471, -1.0273, -7.6980

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9990, 10.2253, -58.9298



47.2654, 19.8846, -89.2037



38.4004, 38.2233, -83.4586



37.3181, -1.7206, -1.4824



24.0299, 25.9341, -86.0195



7.4525, 4.0111, -17.9737

Inverse Universe

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



48.3551, 53.0378, 6.5219



51.2990, 72.3843, 11.4142



80.8183, -28.6506, 43.2935



37.1073, 1.8288, 1.7898



30.8074, 53.6243, 13.1968



8.2068, 14.4705, 2.0778

Previews

White Background



This preview shows how the HunterLab color 46.9983, 10.2246, -58.9311 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 46.9983, 10.2246, -58.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

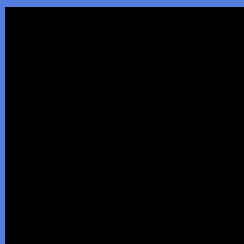
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

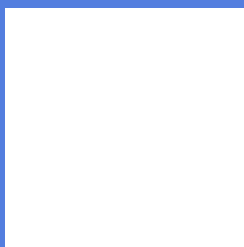
Any Text WCAG AAA × Fail

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

HunterLab 46.9983, 10.2246, -58.9311 Background



This preview shows how black text looks on a background with the HunterLab color 46.9983, 10.2246, -58.9311.



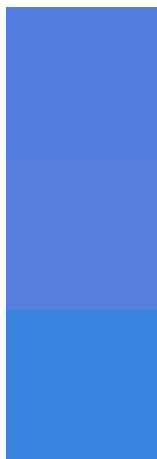
This preview shows how white text looks on a background with the HunterLab color 46.9983, 10.2246, -58.9311.

-58.9311.

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

46.9983, 10.2246, -58.9311

Protanopia

47.1464, 10.6990, -58.5549

Deuteranopia

47.0203, 4.4767, -58.0885



Tritanopia

46.8300, -19.4362, -9.6393

Trichromacy



Original Color

46.9983, 10.2246, -58.9311

Protanomaly

47.0964, 10.5389, -58.6818

Deuteranomaly

47.0454, 6.0067, -57.9996

Tritanomaly

46.6396, -10.2657, -24.9846

Monochromacy



Original Color

46.9983, 10.2246, -58.9311

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.2289, -0.2760, -15.7322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9983, 10.2246, -58.9311 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(83, 126, 223)` looks like.

```
.text, #text, p{  
    color:rgb(83, 126, 223)  
}
```

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(83, 126, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 126, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9983, 10.2246, -58.9311 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(83, 126, 223) }
```


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

```
.border{ border-color:rgb(83, 126, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 126, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 126, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 126, 223);  
box-shadow:4px 4px 4px 4px rgb(83, 126,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9983, 10.2246, -58.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 126, 223) }
```

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

```
.background{ background-color: rgb(83, 126,  
223) }
```

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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