

Converting Colors

HunterLab(49.2354, -3.3965,
-11.3781)

Have a look what the booklet for
HunterLab(49.2354, -3.3965,
-11.3781) contains.

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Color

**HunterLab(49.3129, -3.4319,
-11.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	7589A3
RGB	117, 137, 163
RGB Percent	46%, 54%, 64%
CMY	0.5412, 0.4627, 0.3608
CMYK	0.28, 0.16, 0.00, 0.36
HSL	214°, 20%, 55%
HSV	214°, 28%, 64%
XYZ	22.8927, 24.3176, 38.1376
YIQ	133.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

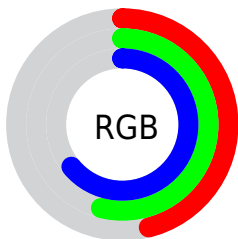
Format	Color
R_{YB}	117, 131, 163
Decimal	7702947
CIE _{Lab}	56.41, -1.00, -16.14
CIE _{LCh}	56, 16.176, 266.469
Yxy	24.3186, 0.2682, 0.2849
Android (android.graphics.Color)	4285893027 (0xFF7589A3)
YUV	133.9840, 14.3049, -14.8950
Hunter-Lab	49.3129, -3.4319, -11.3346

Details

The HunterLab color $49.3129, -3.4319, -11.3346$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $53.5874, -0.0501, 14.3980$, and the grayscale version is $48.7716, -2.6023, 2.6499$.

A 20% lighter version of the original color is $71.0175, -4.5245, -11.6948$, and $30.2612, -2.2748, -10.8585$ is the 20% darker color. If you saturate the color by 10%, you get $45.5824, -2.8737, -17.0336$, and if you desaturate by 10%, it is $53.1788, -3.6304, -5.9277$.

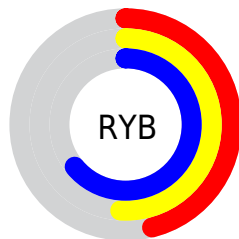
Distribution



Red (46%)

Green (54%)

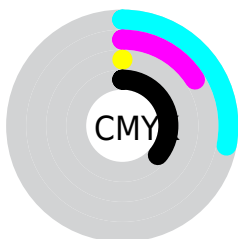
Blue (64%)



Red (46%)

Yellow (51%)

Blue (64%)

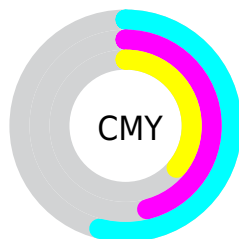


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3129, -3.4319, -11.3346 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 49.3129, -3.4319, -11.3346 by changing the saturation by 10% instead.

■ 49.3129, -3.4319,
-11.3346

■ 49.3129, -3.4319,
-11.3346

165.6585,
-10.0462, -10.5685

■ 39.4590, -2.8486,
-11.1259

■ 71.0982, -4.7002,
-11.5454

■ 30.3652, -2.3004,
-10.8448

■ 82.9463, -5.3809,
-11.5585

■ 22.1026, -1.7903,
-10.4905

■ 95.3880, -6.0909,
-11.5153

■ 14.7652, -1.3208,
-10.0773

108.3961, -6.8293,
-11.4194

■ 8.4209, -0.9653,
-9.8538

121.9471, -7.5948,
-11.2742

0.0000, NaN, -NF

0.0000, NaN, NaN

136.0199, -8.3867,

-11.0823

0.0000, NaN, NaN

150.5960, -9.2041,
-10.8464

0.0000, NaN, NaN

■ 49.3129, -3.4319,
-11.3346

■ 49.3129, -3.4319,
-11.3346

■ 45.5824, -2.8737,
-17.0336

■ 53.1788, -3.6304,
-5.9277

■ 42.0013, -1.8926,
-23.0659

■ 57.1632, -3.5198,
-0.7779

■ 38.5905, -0.4193,
-29.4651

■ 61.2550, -3.1447,
4.1508

■ 35.3733, 1.6215,
-36.2536

■ 65.4445, -2.5418,
8.8899

■ 32.3764, 4.3022,
-43.4294

■ 69.7230, -1.7413,
13.4667

■ 29.6282, 7.6755,
-50.9498

■ 74.0835, -0.7687,
17.9050

■ 27.1377, 11.6939,
-58.7776

■ 78.5197, 0.3550,
22.2250

■ 26.7111, 12.4380,
-60.2366

■ 83.0264, 1.6121,
26.4442

■ 86.6299, -0.3161,
29.6602

Harmonies

Analogous

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



49.3139, -9.6161, -8.7859



49.3129, -3.4319, -11.3346



49.3139, 3.2994, -9.7283

Triad

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



49.3139, -3.4325, -11.3337



49.3139, 9.5601, 7.8877



49.3139, -13.0163, 9.0425

Complementary

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



49.3129, -3.4319, -11.3346



53.5874, -0.0501, 14.3980

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.



49.3139, -8.2993, 12.5269



49.3129, -3.4319, -11.3346



49.3139, 4.7598, 11.9260

Square

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



49.3139, -3.4325, -11.3337



49.3139, 11.0337, 1.9161



49.3139, -1.8302, 13.5074



49.3139, -14.9582, 3.4403

Rectangle

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



49.3129, -3.4319, -11.3346



49.3139, 7.1566, -6.6223



49.3139, -1.8302, 13.5074



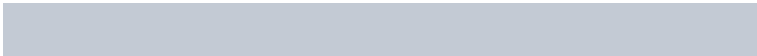
49.3139, -11.7156, 10.4696

Sweetspot

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



49.3139, -3.4325, -11.3337



76.5370, -4.7080, -0.9930



56.5145, -18.8676, 7.5209



35.9000, -2.2526, -0.9363



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



49.3139, -3.4325, -11.3337



62.7709, -4.1746, -20.0089



43.9442, 6.8630, -19.5529



27.0978, -1.6928, -0.6240



23.7324, 10.5646, -52.4694



4.6007, -0.5943, -4.4677

Inverse Universe

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



47.2398, 15.5041, -0.3250



59.6238, 26.5817, -1.0963



59.1821, -10.2314, 19.4275



26.7109, 1.3422, 0.9027



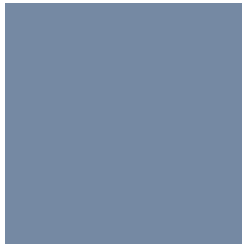
25.3233, 44.7929, 5.3095



3.7969, 6.9503, -1.0189

Previews

White Background



This preview shows how the HunterLab color 49.3129, -3.4319, -11.3346 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 49.3129, -3.4319, -11.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

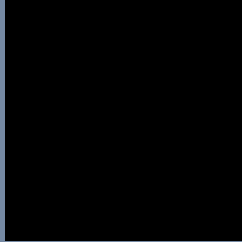
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

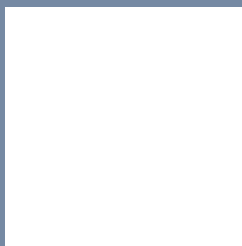
Any Text WCAG AAA × Fail

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

HunterLab 49.3129, -3.4319, -11.3346 Background



This preview shows how black text looks on a background with the HunterLab color 49.3129, -3.4319, -11.3346.



This preview shows how white text looks on a background with the HunterLab color 49.3129, -3.4319, -11.3346.

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

49.3129, -3.4319, -11.3346

Protanopia

49.2854, 0.7140, -10.1808

Deuteranopia

49.2455, 3.6535, -11.8769



Tritanopia

49.2389, -7.5846, -4.5362

Trichromacy



Original Color

49.3129, -3.4319, -11.3346

Protanomaly

49.2915, -0.6415, -10.7541

Deuteranomaly

49.3150, 1.0322, -11.8203

Tritanomaly

49.1817, -5.9485, -7.1826

Monochromacy



Original Color

49.3129, -3.4319, -11.3346

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.9505, -2.9710, -2.3353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3129, -3.4319, -11.3346 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(117, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 163)  
}
```

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(117, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3129, -3.4319, -11.3346 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(117, 137, 163) }
```


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

```
.border{ border-color:rgb(117, 137, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 137, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 137, 163);  
box-shadow:4px 4px 4px 4px rgb(117, 137,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3129, -3.4319, -11.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 163) }
```

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

```
.background{ background-color: rgb(117,  
137, 163) }
```

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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