

Converting Colors

HunterLab(39.2516, -2.4948,
-30.3395)

Have a look what the booklet for
HunterLab(39.2516, -2.4948,
-30.3395) contains.

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Color

**HunterLab(39.3614, -2.7107,
-30.1349)**

Conversions

Conversions Part 1

Format	Color
Hex	3B71A6
RGB	59, 113, 166
RGB Percent	23%, 44%, 65%
CMY	0.7686, 0.5569, 0.3490
CMYK	0.64, 0.32, 0.00, 0.35
HSL	210°, 48%, 44%
HSV	210°, 64%, 65%
XYZ	14.5917, 15.4932, 38.2978
YIQ	102.8960, -49.1970, 5.0350

Conversions

Conversions Part 2

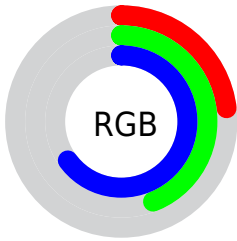
Format	Color
R_{YB}	59, 95, 166
Decimal	3895718
CIE Lab	46.30, -0.82, -33.76
CIE LCh	46, 33.769, 268.613
Yxy	15.4937, 0.2134, 0.2266
Android (android.graphics.Color)	4282085798 (0xFF3B71A6)
YUV	102.8960, 31.1103, -38.4968
Hunter-Lab	39.3614, -2.7107, -30.1349

Details

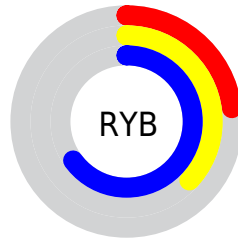
The HunterLab color $39.3614, -2.7107, -30.1349$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.7352, 10.7349, 22.2686$, and the grayscale version is $36.6897, -1.9577, 1.9934$.

A 20% lighter version of the original color is $59.8696, -4.2700, -30.9277$, and $22.6083, -0.2024, -27.8214$ is the 20% darker color. If you saturate the color by 10%, you get $36.4858, -0.8197, -36.1571$, and if you desaturate by 10%, it is $42.4298, -4.0091, -24.3375$.

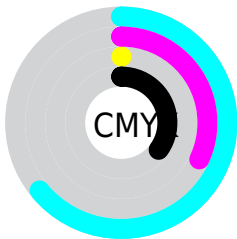
Distribution



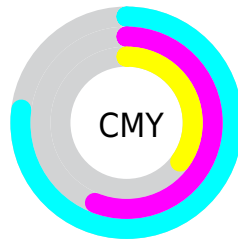
- Red (23%)
- Green (44%)
- Blue (65%)



- Red (23%)
- Yellow (37%)
- Blue (65%)



- Cyan (64%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3614, -2.7107, -30.1349 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 39.3614, -2.7107, -30.1349 by changing the saturation by 10% instead.

■ 39.3614, -2.7107,
-30.1349

■ 39.3614, -2.7107,
-30.1349

150.4445, -8.9878,
-34.2920

■ 30.2764, -2.1739,
-29.5469

■ 59.7637, -3.8914,
-31.3540

■ 22.0228, -1.6766,
-29.0906

■ 70.9803, -4.5320,
-31.9213

■ 14.6954, -1.2215,
-29.0211

■ 82.8222, -5.2037,
-32.4431

■ 8.3534, -0.8726,
-30.5305

■ 95.2579, -5.9053,
-32.9150

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.2604, -6.6355,
-33.3355

0.0000, NaN, NaN

121.8059, -7.3933,

0.0000, NaN, NaN

-33.7045

0.0000, NaN, NaN

135.8735, -8.1777,
-34.0229

■ 39.3614, -2.7107,
-30.1349

■ 39.3614, -2.7107,
-30.1349

■ 36.4858, -0.8197,
-36.1571

■ 42.4298, -4.0091,
-24.3375

■ 33.8198, 1.7116,
-42.3770

■ 45.6701, -4.7768,
-18.7775

■ 31.3797, 4.9009,
-48.7428

■ 49.0657, -5.0764,
-13.4492

■ 30.0976, 6.8480,
-52.4023

■ 52.6007, -4.9671,
-8.3392

■ 56.2616, -4.5023,
-3.4292

■ 60.0365, -3.7284,
1.3008

■ 63.9149, -2.6854,
5.8709

■ 67.8880, -1.4073,
10.3000

■ 71.9481, 0.0773,
14.6059

Harmonies

Analogous

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



39.3621, -14.3827, -24.2973



39.3614, -2.7107, -30.1349



39.3621, 10.7033, -25.2363

Triad

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



39.3621, -2.7104, -30.1340



39.3621, 22.5451, 11.9782



39.3621, -21.3827, 12.6921

Complementary

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



39.3614, -2.7107, -30.1349



44.7352, 10.7349, 22.2686

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.



39.3621, -13.4550, 17.9091



39.3614, -2.7107, -30.1349



39.3621, 11.8966, 17.6017

Square

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



39.3621, -2.7104, -30.1340



39.3621, 26.3819, 1.5580



39.3621, -1.4906, 19.3601



39.3621, -24.2544, 2.7184

Rectangle

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



39.3614, -2.7107, -30.1349



39.3621, 18.6381, -17.2233



39.3621, -1.4906, 19.3601



39.3621, -19.2764, 14.9221

Sweetspot

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



39.3621, -2.7104, -30.1340



73.3585, -6.4279, -7.8280



54.1703, -34.5157, 16.4033



34.0609, -3.1153, -4.5714



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



39.3621, -2.7104, -30.1340



47.6896, 0.1457, -52.0134



26.4541, 23.5051, -64.1441



28.1118, -1.9994, -0.4675



26.6800, 5.6893, -45.6293



5.2481, -0.9669, -4.4725

Inverse Universe

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



35.2532, 40.9465, -3.8359



43.2498, 64.5705, -3.1775



59.2044, -13.6711, 32.0977



27.5737, 1.4830, 0.7054



26.0569, 46.5539, 1.8719



4.1894, 7.7131, -1.4673

Previews

White Background



This preview shows how the HunterLab color 39.3614, -2.7107, -30.1349 looks on a white background.

Color Contrast Check

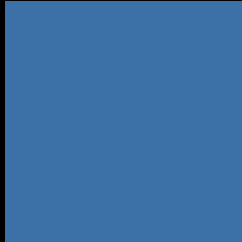
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.3614, -2.7107, -30.1349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

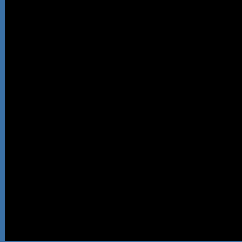
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.3614, -2.7107, -30.1349 Background



This preview shows how black text looks on a background with the HunterLab color 39.3614, -2.7107, -30.1349.

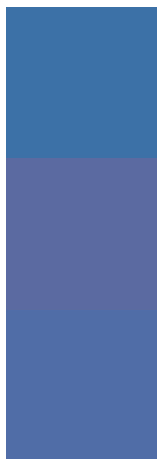


This preview shows how white text looks on a background with the HunterLab color 39.3614, -2.7107, -30.1349.

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

39.3614, -2.7107, -30.1349

Protanopia

39.1315, 4.5278, -26.8962

Deuteranopia

39.3403, 3.0122, -30.8045



Tritanopia

39.3395, -16.2898, -7.8737

Trichromacy



Original Color

39.3614, -2.7107, -30.1349

Protanomaly

39.0434, 1.6411, -28.5317

Deuteranomaly

39.1897, 1.0997, -31.1425

Tritanomaly

39.0981, -11.6005, -15.5182

Monochromacy



Original Color

39.3614, -2.7107, -30.1349

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.4806, -3.8979, -8.1971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3614, -2.7107, -30.1349 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(59, 113, 166)` looks like.

```
.text, #text, p{  
    color:rgb(59, 113, 166)  
}
```

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(59, 113, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 113, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3614, -2.7107, -30.1349 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(59, 113, 166) }
```


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

```
.border{ border-color:rgb(59, 113, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 113, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 113, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 113, 166);  
box-shadow:4px 4px 4px 4px rgb(59, 113,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3614, -2.7107, -30.1349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 113, 166) }
```

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

```
.background{ background-color: rgb(59, 113,  
166) }
```

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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