

Converting Colors

HunterLab(34.6788, 5.0998,
-20.4960)

Have a look what the booklet for
HunterLab(34.6788, 5.0998,
-20.4960) contains.

HunterLab(34.6314, 5.2809, -20.3861)	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(34.6314, 5.2809,
-20.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	595E8B
RGB	89, 94, 139
RGB Percent	35%, 37%, 55%
CMY	0.6510, 0.6314, 0.4549
CMYK	0.36, 0.32, 0.00, 0.45
HSL	234°, 22%, 45%
HSV	234°, 36%, 55%
XYZ	12.7827, 11.9933, 26.0673
YIQ	97.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

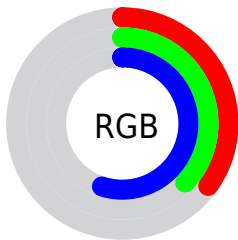
Format	Color
R_{YB}	89, 94, 139
Decimal	5856907
CIE _{Lab}	41.21, 9.60, -25.56
CIE _{LCh}	41, 27.298, 290.581
Yxy	11.9938, 0.2514, 0.2359
Android (android.graphics.Color)	4284046987 (0xFF595E8B)
YUV	97.6350, 20.3929, -7.5729
Hunter-Lab	34.6314, 5.2809, -20.3861




Details

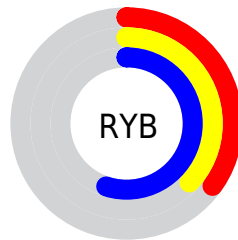
The HunterLab color $34.6314, 5.2809, -20.3861$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48.2295, -6.7679, 17.9810$, and the grayscale version is $34.7433, -1.8538, 1.8877$.




A 20% lighter version of the original color is $54.2766, 5.5959, -21.5693$, and $18.1281, 5.0547, -19.6522$ is the 20% darker color. If you saturate the color by 10%, you get $30.5324, 8.2403, -28.4746$, and if you desaturate by 10%, it is $38.9305, 2.7093, -13.1644$.

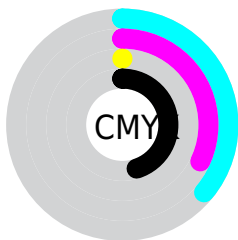
Distribution







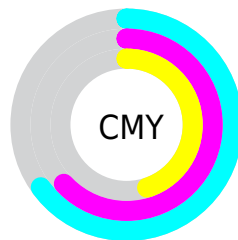
-  Red (35%)
-  Green (37%)
-  Blue (55%)






-  Red (35%)
-  Yellow (37%)
-  Blue (55%)



-  Cyan (36%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (65%)
-  Magenta (63%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6314, 5.2809, -20.3861 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 34.6314, 5.2809, -20.3861 by changing the saturation by 10% instead.

■ 34.6314, 5.2809,
-20.3861

■ 34.6314, 5.2809,
-20.3861

■ 142.9560, 3.5361,
-22.9974

■ 25.9605, 5.1435,
-19.8494

■ 54.2990, 5.3012,
-21.3576

■ 18.1651, 4.8997,
-19.3514

■ 65.1830, 5.2064,
-21.7625

■ 11.3584, 4.5218,
-19.0817

■ 76.7104, 5.0514,
-22.1081

■ 3.6543, 11.2476,
-34.6277

■ 88.8471, 4.8419,
-22.3952

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.5639, 4.5822,
-22.6254

0.0000, NaN, NaN

■ 114.8354, 4.2761,

0.0000, NaN, NaN

-22.8009

0.0000, NaN, NaN

128.6394, 3.9265,
-22.9242

■ 34.6314, 5.2809,
-20.3861

■ 34.6314, 5.2809,
-20.3861

■ 30.5324, 8.2403,
-28.4746

■ 38.9305, 2.7093,
-13.1644

■ 26.6770, 11.6902,
-37.6451

■ 43.3950, 0.4413,
-6.6259

■ 23.1299, 15.7328,
-48.0854

■ 48.0017, -1.5899,
-0.6200

■ 19.9815, 20.4155,
-59.8092

■ 52.7325, -3.4353,
4.9695

■ 17.3533, 25.5948,
-72.3152

■ 57.5735, -5.1338,
10.2321

■ 15.3753, 30.7025,
-84.1808

■ 62.5137, -6.7151,
15.2364

■ 14.7495, 32.4714,
-88.5320

■ 67.5443, -8.2020,
20.0356

■ 72.6580, -9.6123,
24.6710

■ 77.8489, -10.9599,
29.1750

Harmonies

Analogous

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



34.6321, -4.9857, -21.8833



34.6314, 5.2809, -20.3861



34.6321, 14.5516, -12.0953

Triad

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



34.6321, 5.2807, -20.3853



34.6321, 11.4330, 13.3782



34.6321, -19.0750, 4.7875

Complementary

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



34.6314, 5.2809, -20.3861



48.2295, -6.7679, 17.9810

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.



34.6321, -15.6725, 11.7224



34.6314, 5.2809, -20.3861



34.6321, 1.4020, 15.6532

Square

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



34.6321, 5.2807, -20.3853



34.6321, 18.3779, 7.7965



34.6321, -8.4462, 15.1498



34.6321, -18.2905, -5.2961

Rectangle

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



34.6314, 5.2809, -20.3861



34.6321, 18.5429, -4.8720



34.6321, -8.4462, 15.1498



34.6321, -18.3992, 7.5064

Sweetspot

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



34.6321, 5.2807, -20.3853



60.9659, -0.7302, -4.9864



47.2341, -15.9373, 0.5152



28.9181, -0.1959, -2.8499



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



34.6321, 5.2807, -20.3853



41.9509, 10.1730, -35.7947



35.0151, 12.8441, -19.5594



22.2880, -0.4633, -1.1868



14.0604, 30.6607, -83.7620



1.4915, 1.3961, -4.8780

Inverse Universe

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



36.6638, 14.9067, 5.7275



45.5161, 25.4720, 8.9091



48.0716, -14.8964, 17.7032



22.4860, 0.7528, 1.6027



22.3244, 38.3644, 13.3931



1.8447, 3.2196, 0.7223

Previews

White Background



This preview shows how the HunterLab color 34.6314, 5.2809, -20.3861 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 34.6314, 5.2809, -20.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

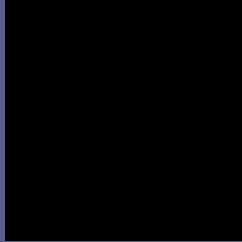
Any Text WCAG AA × Fail

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 34.6314, 5.2809, -20.3861 Background



This preview shows how black text looks on a background with the HunterLab color 34.6314, 5.2809, -20.3861.



This preview shows how white text looks on a background with the HunterLab color 34.6314, 5.2809, -20.3861.

-20.3861.

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

34.6314, 5.2809, -20.3861

Protanopia

34.7825, 3.1962, -20.8039

Deuteranopia

34.6109, 2.5381, -20.4715



Tritanopia

34.6279, -5.2175, -3.0455

Trichromacy



Original Color

34.6314, 5.2809, -20.3861

Protanomaly

34.6542, 4.1128, -21.0233

Deuteranomaly

34.5446, 3.6648, -20.5729

Tritanomaly

34.6390, -1.6466, -8.5576

Monochromacy



Original Color

34.6314, 5.2809, -20.3861

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.8920, 0.1986, -5.0431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6314, 5.2809, -20.3861 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, 94, 139)` looks like.

```
.text, #text, p{  
    color:rgb(89, 94, 139)  
}
```

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, 94, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 94, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6314, 5.2809, -20.3861 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, 94, 139) }
```


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

```
.border{ border-color:rgb(89, 94, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 94, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 94, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 94, 139);  
box-shadow:4px 4px 4px 4px rgb(89, 94,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6314, 5.2809, -20.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 94, 139) }
```

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

```
.background{ background-color: rgb(89, 94,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor