

Converting Colors

HunterLab(21.5328, -5.1899,
2.5715)

Have a look what the booklet for
HunterLab(21.5328, -5.1899, 2.5715)
contains.

HunterLab(21.6009, -5.2668, 2.5934)	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(21.6009, -5.2668,
2.5934)**

Conversions

Conversions Part 1

Format	Color
Hex	334039
RGB	51, 64, 57
RGB Percent	20%, 25%, 22%
CMY	0.8000, 0.7490, 0.7765
CMYK	0.20, 0.00, 0.11, 0.75
HSL	148°, 11%, 23%
HSV	148°, 20%, 25%
XYZ	3.9371, 4.6660, 4.5640
YIQ	59.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

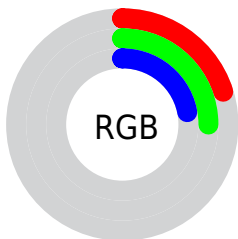
Format	Color
R_{YB}	51, 60, 64
Decimal	3358777
CIE _{Lab}	25.76, -7.00, 2.53
CIE _{LCh}	26, 7.446, 160.153
Yxy	4.6662, 0.2990, 0.3544
Android (android.graphics.Color)	4281548857 (0xFF334039)
YUV	59.3150, -1.1413, -7.2923
Hunter-Lab	21.6009, -5.2668, 2.5934

Details

The HunterLab color **21.6009, -5.2668, 2.5934** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.3991, 3.4285, -0.2214**, and the grayscale version is **21.0267, -1.1219, 1.1424**.

A 20% lighter version of the original color is **38.9673, -7.1317, 3.9595**, and **8.0265, -4.2328, 1.8028** is the 20% darker color. If you saturate the color by 10%, you get **21.1613, -7.0569, 3.2907**, and if you desaturate by 10%, it is **22.0899, -3.3350, 1.9122**.

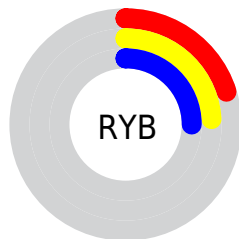
Distribution



Red (20%)

Green (25%)

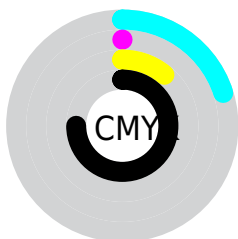
Blue (22%)



Red (20%)

Yellow (24%)

Blue (25%)

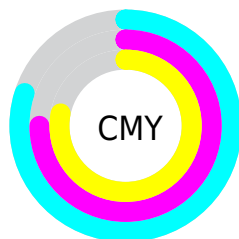


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6009, -5.2668, 2.5934 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 21.6009, -5.2668, 2.5934 by changing the saturation by 10% instead.

■ 21.6009, -5.2668,
2.5934

■ 21.6009, -5.2668,
2.5934

■ 121.0590,
-13.9709, 9.1697

■ 14.3275, -4.3082,
2.0026

■ 38.8501, -7.1415,
3.8589

■ 7.9866, -4.2478,
1.7468

■ 48.6578, -8.0804,
4.5350

0.0000, NaN, NaN

■ 59.1750, -9.0279,
5.2397

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3567, -9.9872,
5.9724

0.0000, NaN, NaN

■ 82.1656, -10.9600,
6.7325

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.5699, -11.9478,

107.5423,
-12.9512, 8.3318

■ 21.6009, -5.2668,
2.5934

■ 21.6009, -5.2668,
2.5934

■ 21.1613, -7.0569,
3.2907

■ 22.0899, -3.3350,
1.9122

■ 20.7703, -8.6903,
3.9977

■ 22.6257, -1.2747,
1.2506

■ 20.4288, -10.1557,
4.7088

■ 23.2075, 0.8989,
0.6127

■ 20.1364, -11.4435,
5.4172

■ 23.8336, 3.1713,
0.0013

■ 19.8923, -12.5477,
6.1159

■ 24.5022, 5.5287,
-0.5815

■ 19.6948, -13.4663,
6.7976

■ 25.2115, 7.9584,
-1.1345

■ 19.5347, -14.2308,
7.4488

■ 25.9595, 10.4488,
-1.6570

■ 19.3864, -14.9410,
8.0219

■ 26.7444, 12.9896,
-2.1488

■ 27.5642, 15.5718,
-2.6101

Harmonies

Analogous

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



21.6014, -4.0088, 4.2280



21.6009, -5.2668, 2.5934



21.6014, -5.4506, 0.3992

Triad

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



21.6014, -5.2672, 2.5937



21.6014, -0.3462, -3.5309



21.6014, 2.4334, 3.7836

Complementary

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



21.6009, -5.2668, 2.5934



19.3991, 3.4285, -0.2214

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.



21.6014, 3.5077, 1.9246



21.6009, -5.2668, 2.5934



21.6014, 1.8577, -2.3991

Square

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



21.6014, -5.2672, 2.5937



21.6014, -2.6762, -3.3021



21.6014, 3.2926, -0.3452



21.6014, 0.4121, 4.8621

Rectangle

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



21.6009, -5.2668, 2.5934



21.6014, -4.9473, -1.1121



21.6014, 3.2926, -0.3452



21.6014, 2.9211, 3.2380

Sweetspot

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



21.6014, -5.2672, 2.5937



29.3788, -3.3151, 2.1632



21.9318, -4.3216, 4.9716



15.4140, -1.7653, 1.1436



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.6014, -5.2672, 2.5937



28.1728, -8.0871, 3.8524



21.7568, -4.3891, 0.3736



12.1263, -1.6314, 0.9814



29.5266, -23.0544, 12.8621



73.8357, -58.5247, 34.0497

Inverse Universe

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



19.3991, 3.4285, -0.2214



24.6151, 5.9779, -0.6877



19.2420, 2.6007, 2.0185



11.6115, 0.3977, 0.3217



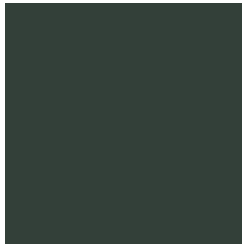
16.6897, 30.0769, -0.8066



41.5786, 74.5152, 1.2040

Previews

White Background



This preview shows how the HunterLab color 21.6009, -5.2668, 2.5934 looks on a white background.

Color Contrast Check

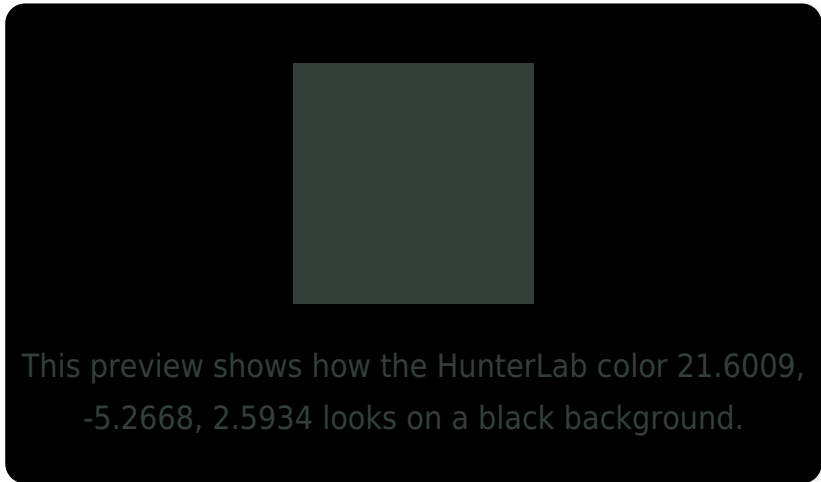
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

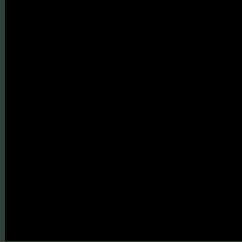
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

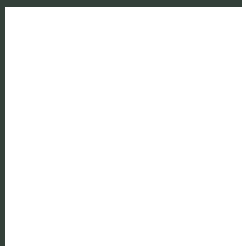
Any Text WCAG AAA × Fail

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

HunterLab 21.6009, -5.2668, 2.5934 Background



This preview shows how black text looks on a background with the HunterLab color 21.6009, -5.2668, 2.5934.



This preview shows how white text looks on a background with the HunterLab color 21.6009, -5.2668,

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

21.6009, -5.2668, 2.5934

Protanopia

21.6104, -1.4065, 3.3751

Deuteranopia

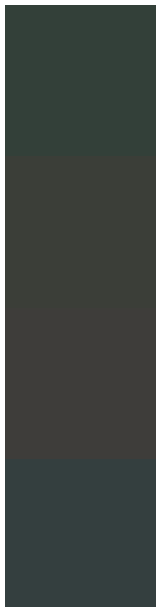
21.5925, 1.1626, 2.3339



Tritanopia

21.4648, -2.6037, -1.4868

Trichromacy



Original Color

21.6009, -5.2668, 2.5934

Protanomaly

21.5884, -2.7213, 2.9797

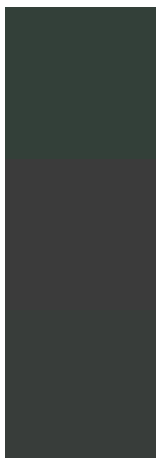
Deuteranomaly

21.6035, -1.2933, 2.3033

Tritanomaly

21.5498, -3.8269, 0.2736

Monochromacy



Original Color

21.6009, -5.2668, 2.5934

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.1748, -2.8026, 1.7903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6009, -5.2668, 2.5934 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(51, 64, 57)` looks like.

```
.text, #text, p{  
    color:rgb(51, 64, 57)  
}
```

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(51, 64, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 64, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6009, -5.2668, 2.5934 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(51, 64, 57) }
```


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

```
.border{ border-color:rgb(51, 64, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 64, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 64, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 64, 57);  
box-shadow:4px 4px 4px 4px rgb(51, 64, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6009, -5.2668, 2.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 64, 57) }
```

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

```
.background{ background-color: rgb(51, 64,  
57) }
```

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