

Converting Colors

HunterLab(21.0999, -6.0364,
3.6992)

Have a look what the booklet for
HunterLab(21.0999, -6.0364, 3.6992)
contains.

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Color

**HunterLab(21.1090, -5.9580,
3.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	313F34
RGB	49, 63, 52
RGB Percent	19%, 25%, 20%
CMY	0.8078, 0.7529, 0.7961
CMYK	0.22, 0.00, 0.17, 0.75
HSL	133°, 13%, 22%
HSV	133°, 22%, 25%
XYZ	3.6639, 4.4559, 3.9158
YIQ	57.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

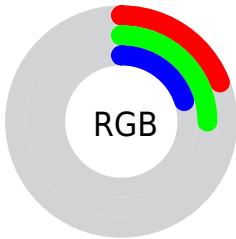
Format	Color
R_{YB}	49, 61, 63
Decimal	3227444
CIE Lab	25.13, -8.36, 4.89
CIE LCh	25, 9.683, 149.674
Yxy	4.4561, 0.3044, 0.3702
Android (android.graphics.Color)	4281417524 (0xFF313F34)
YUV	57.5600, -2.7411, -7.5071
Hunter-Lab	21.1090, -5.9580, 3.7779

Details

The HunterLab color **21.1090, -5.9580, 3.7779** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.9202, 4.2873, -1.6635**, and the grayscale version is **20.4297, -1.0901, 1.1100**.

A 20% lighter version of the original color is **38.3192, -8.3259, 5.5873**, and **7.5421, -5.1853, 3.2022** is the 20% darker color. If you saturate the color by 10%, you get **20.6590, -7.8526, 4.8591**, and if you desaturate by 10%, it is **21.6121, -3.9009, 2.6474**.

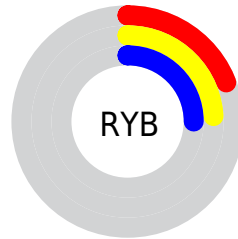
Distribution



Red (19%)

Green (25%)

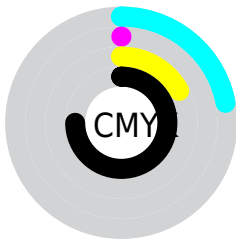
Blue (20%)



Red (19%)

Yellow (24%)

Blue (25%)

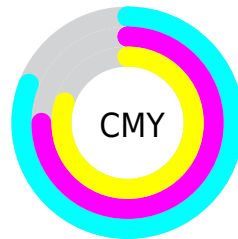


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1090, -5.9580, 3.7779 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 21.1090, -5.9580, 3.7779 by changing the saturation by 10% instead.

■ 21.1090, -5.9580,
3.7779

■ 21.1090, -5.9580,
3.7779

■ 120.1829,
-15.3320, 11.4675

■ 13.8990, -4.8808,
2.9924

■ 38.2512, -8.0254,
5.3620

■ 7.5326, -5.2374,
3.1006

■ 48.0119, -9.0467,
6.1749

0.0000, NaN, NaN

■ 58.4854, -10.0703,
7.0061

0.0000, NaN, NaN

■ 69.6260, -11.1006,
7.8570

0.0000, NaN, NaN

■ 81.3960, -12.1402,
8.7284

0.0000, NaN, NaN

■ 93.7632, -13.1911,

0.0000, NaN, NaN

106.7002,
-14.2548, 10.5336

■ 21.1090, -5.9580,
3.7779

■ 21.1090, -5.9580,
3.7779

■ 20.6590, -7.8526,
4.8591

■ 21.6121, -3.9009,
2.6474

■ 20.2617, -9.5671,
5.8803

■ 22.1656, -1.6975,
1.4763

■ 19.9179, -11.0876,
6.8323

■ 22.7684, 0.6339,
0.2739

■ 19.6273, -12.4030,
7.7061

■ 23.4186, 3.0762,
-0.9517

■ 19.3889, -13.5062,
8.4936

■ 24.1140, 5.6130,
-2.1931

■ 19.2010, -14.3956,
9.1887

■ 24.8526, 8.2294,
-3.4441

■ 19.0483, -15.1282,
9.7770

■ 25.6321, 10.9119,
-4.6994

■ 18.9355, -15.6647,
10.1479

■ 26.4504, 13.6487,
-5.9546

■ 27.3054, 16.4295,
-7.2064

Harmonies

Analogous

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



21.1094, -3.9552, 5.4472



21.1090, -5.9580, 3.7779



21.1094, -6.6818, 1.1808

Triad

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



21.1094, -5.9584, 3.7782



21.1094, -1.1609, -5.2312



21.1094, 4.2178, 3.7304

Complementary

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



21.1090, -5.9580, 3.7779



18.9202, 4.2873, -1.6635

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.



21.1094, 5.0680, 1.1173



21.1090, -5.9580, 3.7779



21.1094, 1.8574, -4.3003

Square

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



21.1094, -5.9584, 3.7782



21.1094, -4.0099, -4.2605



21.1094, 4.1812, -1.8688



21.1094, 1.9185, 5.4225

Rectangle

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



21.1090, -5.9580, 3.7779



21.1094, -6.3746, -0.8184



21.1094, 4.1812, -1.8688



21.1094, 4.6882, 2.9436

Sweetspot

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



21.1094, -5.9584, 3.7782



28.3615, -3.6737, 2.6907



21.7804, -3.6324, 5.4474



14.5494, -1.8809, 1.3784



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



21.1094, -5.9584, 3.7782



27.0095, -9.2110, 5.7395



21.2647, -5.0760, 1.5529



11.3333, -1.5952, 1.1438



28.4940, -23.7911, 15.7431



72.3688, -61.0224, 41.2750

Inverse Universe

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



18.9202, 4.2873, -1.6635



23.4451, 7.4968, -3.1213



18.7413, 3.3532, 0.8747



10.8970, 0.4423, 0.0596



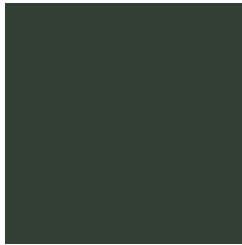
17.0131, 32.0519, -11.6153



43.0977, 80.9252, -27.3369

Previews

White Background



This preview shows how the HunterLab color 21.1090, -5.9580, 3.7779 looks on a white background.

Color Contrast Check

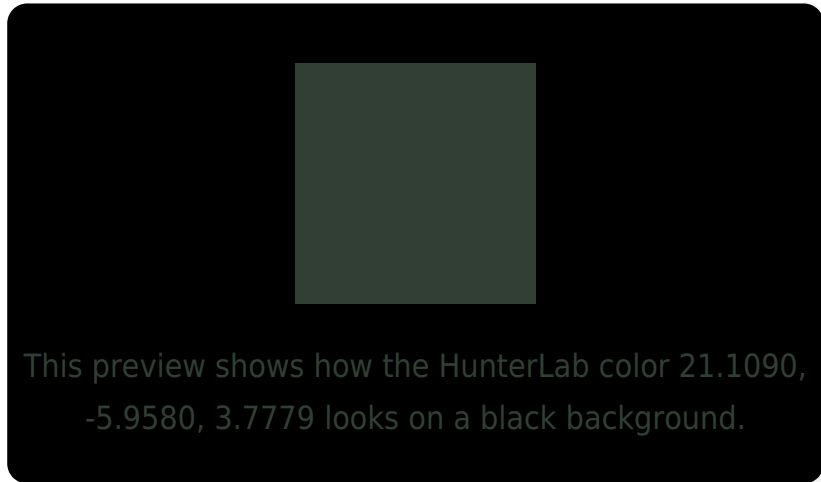
Large Text (above 18pt) WCAG AA ✓ Pass

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

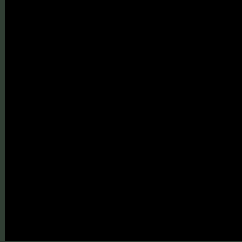
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

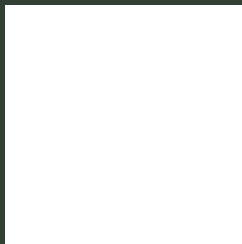
Any Text WCAG AAA × Fail

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

HunterLab 21.1090, -5.9580, 3.7779 Background



This preview shows how black text looks on a background with the HunterLab color 21.1090, -5.9580, 3.7779.

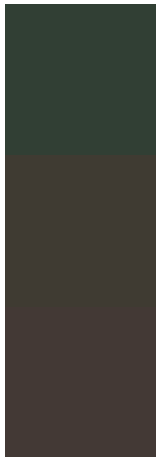


This preview shows how white text looks on a background with the HunterLab color 21.1090, -5.9580,

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

21.1090, -5.9580, 3.7779

Protanopia

21.0119, -1.1793, 4.4118

Deuteranopia

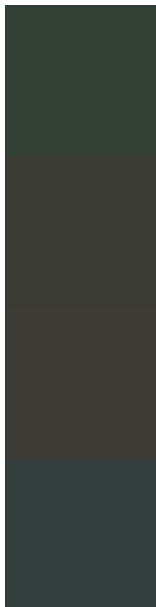
20.9203, 1.1066, 3.3647



Tritanopia

21.1208, -2.5789, -1.4995

Trichromacy



Original Color

21.1090, -5.9580, 3.7779

Protanomaly

20.9052, -2.7858, 3.9502

Deuteranomaly

20.8462, -1.6301, 3.2372

Tritanomaly

21.1801, -3.9429, 0.6234

Monochromacy



Original Color

21.1090, -5.9580, 3.7779

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.8074, -2.9112, 2.1095

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1090, -5.9580, 3.7779 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(49, 63, 52)` looks like.

```
.text, #text, p{  
    color:rgb(49, 63, 52)  
}
```

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(49, 63, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 63, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1090, -5.9580, 3.7779 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(49, 63, 52) }
```


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

```
.border{ border-color:rgb(49, 63, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 63, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 63, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 63, 52);  
box-shadow:4px 4px 4px 4px rgb(49, 63, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1090, -5.9580, 3.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 63, 52) }
```

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

```
.background{ background-color: rgb(49, 63,  
52) }
```

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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