

Converting Colors

HunterLab(21.0491, -3.9837,
0.1454)

Have a look what the booklet for
HunterLab(21.0491, -3.9837, 0.1454)
contains.

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Color

**HunterLab(21.1451, -4.0180,
0.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	323E3E
RGB	50, 62, 62
RGB Percent	20%, 24%, 24%
CMY	0.8039, 0.7569, 0.7569
CMYK	0.19, 0.00, 0.00, 0.76
HSL	180°, 11%, 22%
HSV	180°, 19%, 24%
XYZ	3.9075, 4.4712, 5.2145
YIQ	58.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

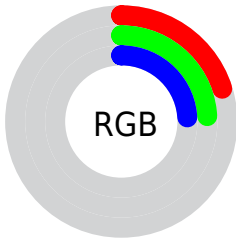
Format	Color
R_{YB}	50, 56, 62
Decimal	3292734
CIE Lab	25.17, -4.90, -1.64
CIE LCh	25, 5.166, 198.553
Yxy	4.4713, 0.2875, 0.3289
Android (android.graphics.Color)	4281482814 (0xFF323E3E)
YUV	58.4120, 1.7689, -7.3773
Hunter-Lab	21.1451, -4.0180, 0.1803

Details

The HunterLab color **21.1451, -4.0180, 0.1803** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.8035, 2.2467, 2.1106**, and the grayscale version is **20.7073, -1.1049, 1.1251**.

A 20% lighter version of the original color is **38.1159, -5.5753, 0.8840**, and **7.5936, -3.2634, -0.5454** is the 20% darker color. If you saturate the color by 10%, you get **20.7949, -5.2973, -0.2731**, and if you desaturate by 10%, it is **21.5401, -2.6056, 0.6824**.

Distribution



Red (20%)

Green (24%)

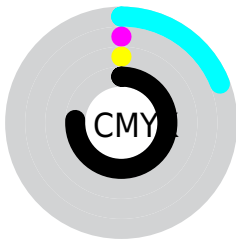
Blue (24%)



Red (20%)

Yellow (22%)

Blue (24%)

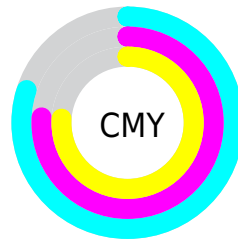


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1451, -4.0180, 0.1803 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 21.1451, -4.0180, 0.1803 by changing the saturation by 10% instead.

■ 21.1451, -4.0180,
0.1803

■ 21.1451, -4.0180,
0.1803

120.2474,
-11.6783, 4.8405

■ 13.9304, -3.2354,
-0.0923

■ 38.2952, -5.5989,
0.9106

■ 7.5670, -3.2244,
-0.4885

■ 48.0594, -6.4100,
1.3525

0.0000, NaN, NaN

■ 58.5361, -7.2388,
1.8391

0.0000, NaN, NaN

■ 69.6797, -8.0867,
2.3670

0.0000, NaN, NaN

■ 81.4525, -8.9543,
2.9332

0.0000, NaN, NaN

■ 93.8225, -9.8421,

0.0000, NaN, NaN

106.7622,
-10.7501, 4.1718

■ 21.1451, -4.0180,
0.1803

■ 21.1451, -4.0180,
0.1803

■ 20.7949, -5.2973,
-0.2731

■ 21.5401, -2.6056,
0.6824

■ 20.4883, -6.4344,
-0.6762

■ 21.9781, -1.0686,
1.2290

■ 20.2256, -7.4236,
-1.0265

■ 22.4586, 0.5825,
1.8169

■ 20.0060, -8.2613,
-1.3229

■ 22.9806, 2.3369,
2.4424

■ 19.8283, -8.9467,
-1.5652

■ 23.5428, 4.1836,
3.1018

■ 19.6907, -9.4824,
-1.7545

■ 24.1437, 6.1121,
3.7914

■ 19.5851, -9.8962,
-1.9006

■ 24.7819, 8.1124,
4.5077

■ 19.4827, -10.2999,
-2.0431

■ 25.4557, 10.1749,
5.2475

■ 19.4761, -10.3261,
-2.0523

■ 26.1635, 12.2913,
6.0078

Harmonies

Analogous

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



21.1455, -4.1133, 1.7340



21.1451, -4.0180, 0.1803



21.1455, -3.1635, -1.2070

Triad

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



21.1455, -4.0184, 0.1806



21.1455, 1.2706, -0.9183



21.1455, -0.5040, 3.8686

Complementary

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



21.1451, -4.0180, 0.1803



18.8035, 2.2467, 2.1106

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.



21.1455, 0.9846, 3.2653



21.1451, -4.0180, 0.1803



21.1455, 2.0297, 0.5509

Square

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



21.1455, -4.0184, 0.1806



21.1455, -0.1233, -1.8738



21.1455, 1.9235, 2.0775



21.1455, -2.1170, 3.7860

Rectangle

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



21.1451, -4.0180, 0.1803



21.1455, -2.2628, -1.8151



21.1455, 1.9235, 2.0775



21.1455, 0.0284, 3.7413

Sweetspot

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



21.1455, -4.0184, 0.1806



28.5360, -2.8251, 1.1140



20.8780, -5.5548, 4.1980



14.6348, -1.4604, 0.5675



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.



21.1455, -4.0184, 0.1806



27.6202, -6.1074, -0.0517



19.6820, -1.7137, -1.6315



11.3863, -1.3007, 0.3864



29.8029, -15.8014, -3.1403



75.7812, -40.1793, -7.9844

Inverse Universe

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



18.8035, 2.2467, 2.1106



23.8105, 4.1045, 3.0946



20.1583, -0.1497, 3.5432



10.8427, 0.1494, 0.8330



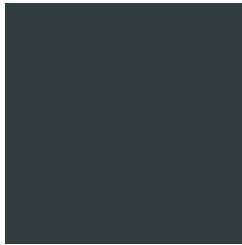
15.4863, 26.5208, 10.0061



39.3776, 67.4354, 25.4442

Previews

White Background



This preview shows how the HunterLab color 21.1451, -4.0180, 0.1803 looks on a white background.

Color Contrast Check

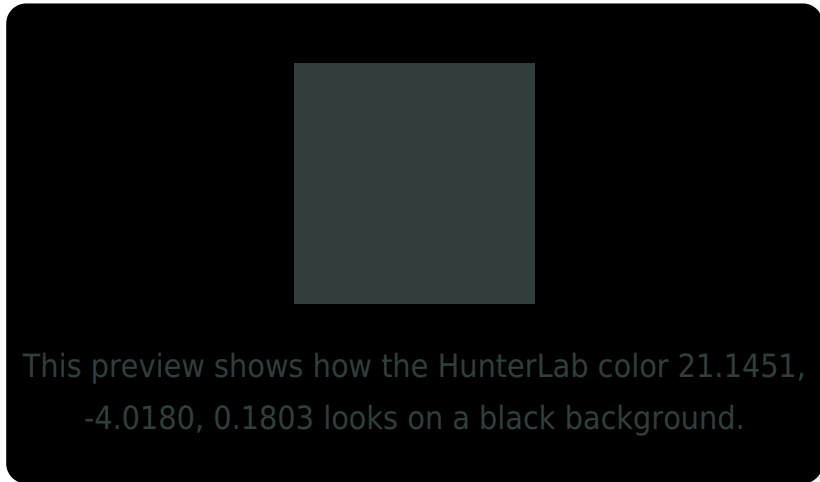
Large Text (above 18pt) WCAG AA ✓ Pass

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

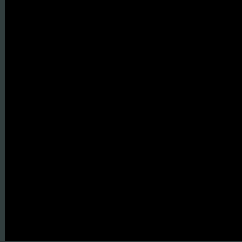
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

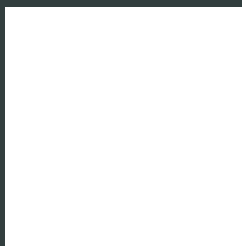
Any Text WCAG AAA × Fail

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

HunterLab 21.1451, -4.0180, 0.1803 Background



This preview shows how black text looks on a background with the HunterLab color 21.1451, -4.0180, 0.1803.



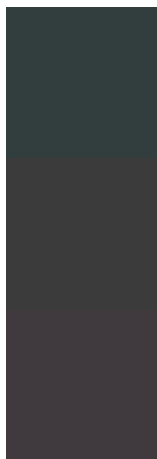
This preview shows how white text looks on a background with the HunterLab color 21.1451, -4.0180,

0.1803.

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

21.1451, -4.0180, 0.1803

Protanopia

21.0115, -0.7239, 0.8715

Deuteranopia

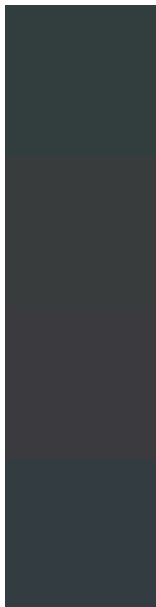
21.1542, 1.1592, -0.1249



Tritanopia

21.0586, -2.8000, -1.5845

Trichromacy



Original Color

21.1451, -4.0180, 0.1803

Protanomaly

20.9986, -1.9881, 0.4389

Deuteranomaly

21.0157, -0.5539, -0.3270

Tritanomaly

21.0308, -2.9546, -1.1915

Monochromacy



Original Color

21.1451, -4.0180, 0.1803

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6299, -2.1072, 0.7835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1451, -4.0180, 0.1803 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(50, 62, 62)` looks like.

```
.text, #text, p{  
    color:rgb(50, 62, 62)  
}
```

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(50, 62, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 62, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1451, -4.0180, 0.1803 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(50, 62, 62) }
```


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

```
.border{ border-color:rgb(50, 62, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 62, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 62, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 62, 62);  
box-shadow:4px 4px 4px 4px rgb(50, 62, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1451, -4.0180, 0.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 62, 62) }
```

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

```
.background{ background-color: rgb(50, 62,  
62) }
```

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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