

Converting Colors

HunterLab(21.0953, -5.1780,
-0.6201)

Have a look what the booklet for
HunterLab(21.0953, -5.1780,
-0.6201) contains.

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Color

**HunterLab(21.1733, -5.1430,
-0.6257)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2D3F40 |
| RGB | 45, 63, 64 |
| RGB Percent | 18%, 25%, 25% |
| CMY | 0.8235, 0.7529, 0.7490 |
| CMYK | 0.30, 0.02, 0.00, 0.75 |
| HSL | 183°, 17%, 21% |
| HSV | 183°, 30%, 25% |
| XYZ | 3.7851, 4.4831, 5.5163 |
| YIQ | 57.7320, -11.0490, -3.5050 |

Conversions

Conversions Part 2

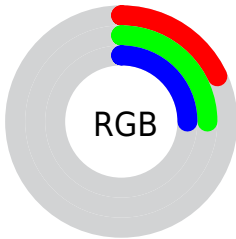
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 45, 54, 64 |
| Decimal | 2965312 |
| CIELab | 25.21, -6.88, -2.96 |
| CIELCh | 25, 7.484, 203.262 |
| Yxy | 4.4833, 0.2746, 0.3252 |
| Android (android.graphics.Color) | 4281155392 (0xFF2D3F40) |
| YUV | 57.7320, 3.0901, -11.1660 |
| Hunter-Lab | 21.1733, -5.1430, -0.6257 |

Details

The HunterLab color **21.1733, -5.1430, -0.6257** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.9819, 3.9209, 2.9630**, and the grayscale version is **20.4708, -1.0923, 1.1122**.

A 20% lighter version of the original color is **38.4225, -7.2007, -0.1049**, and **7.7088, -3.9277, -1.1567** is the 20% darker color. If you saturate the color by 10%, you get **20.7648, -6.1989, -1.1633**, and if you desaturate by 10%, it is **21.6264, -3.9457, -0.0411**.

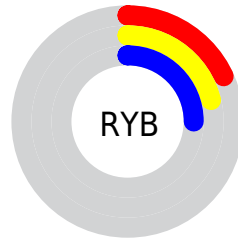
Distribution



Red (18%)

Green (25%)

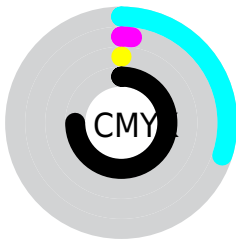
Blue (25%)



Red (18%)

Yellow (21%)

Blue (25%)

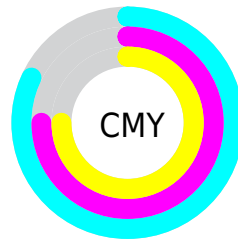


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1733, -5.1430, -0.6257 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 21.1733, -5.1430, -0.6257 by changing the saturation by 10% instead.

■ 21.1733, -5.1430,
-0.6257

■ 21.1733, -5.1430,
-0.6257

■ 120.2977,
-13.7791, 3.4641

■ 13.9549, -4.1934,
-0.8081

■ 38.3295, -7.0002,
-0.0515

■ 7.5937, -4.3512,
-1.2001

■ 48.0965, -7.9309,
0.3211

0.0000, NaN, NaN

■ 58.5757, -8.8707,
0.7427

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7217, -9.8225,
1.2091

0.0000, NaN, NaN

■ 81.4967, -10.7882,
1.7170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8689, -11.7690,

106.8105,
-12.7658, 2.8466

■ 21.1733, -5.1430,
-0.6257

■ 21.1733, -5.1430,
-0.6257

■ 20.7648, -6.1989,
-1.1633

■ 21.6264, -3.9457,
-0.0411

■ 20.3999, -7.1055,
-1.6518

■ 22.1223, -2.6150,
0.5858

■ 20.0786, -7.8582,
-2.0885

■ 22.6605, -1.1608,
1.2517

■ 19.8004, -8.4548,
-2.4717

■ 23.2398, 0.4064,
1.9524

■ 19.5636, -8.8966,
-2.8011

■ 23.8589, 2.0760,
2.6843

■ 19.3606, -9.2105,
-3.0858

■ 24.5163, 3.8378,
3.4434

■ 19.1604, -9.5156,
-3.3697

■ 25.2105, 5.6816,
4.2264

■ 19.1541, -9.5253,
-3.3787

■ 25.9398, 7.5981,
5.0301

■ 26.7026, 9.5788,
5.8515

Harmonies

Analogous

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



21.1737, -5.4544, 1.6531



21.1733, -5.1430, -0.6257



21.1737, -3.7792, -2.6096

Triad

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



21.1737, -5.1433, -0.6254



21.1737, 2.6323, -1.5975



21.1737, -0.5955, 5.0092

Complementary

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



21.1733, -5.1430, -0.6257



17.9819, 3.9209, 2.9630

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.



21.1737, 1.6543, 4.3302



21.1733, -5.1430, -0.6257



21.1737, 3.5700, 0.6394

Square

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



21.1737, -5.1433, -0.6254



21.1737, 0.6924, -3.2124



21.1737, 3.2044, 2.7885



21.1737, -2.8946, 4.7494

Rectangle

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



21.1733, -5.1430, -0.6257



21.1737, -2.4229, -3.4154



21.1737, 3.2044, 2.7885



21.1737, 0.1928, 4.8859

Sweetspot

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



21.1737, -5.1433, -0.6254



29.1631, -3.3932, 0.7958



21.0277, -7.8700, 5.5456



15.2813, -1.8511, 0.3852



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.



21.1737, -5.1433, -0.6254



27.4620, -7.8947, -1.3913



18.7745, -1.4230, -3.7744



12.1266, -1.3439, 0.3600



29.1231, -14.4162, -5.2810



72.6569, -35.7529, -13.6345

Inverse Universe

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



18.2367, 6.7489, -3.9341



22.6592, 11.7582, -7.0108



20.1368, 0.0035, 5.0982



11.6434, 0.5699, -0.1331



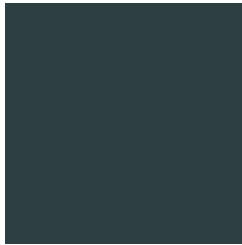
18.1801, 35.3654, -21.0528



45.4918, 88.4213, -52.1168

Previews

White Background



This preview shows how the HunterLab color 21.1733, -5.1430, -0.6257 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

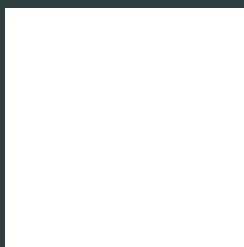
Any Text WCAG AAA × Fail

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

HunterLab 21.1733, -5.1430, -0.6257 Background



This preview shows how black text looks on a background with the HunterLab color 21.1733, -5.1430, -0.6257.



This preview shows how white text looks on a background with the HunterLab color 21.1733, -5.1430,

-0.6257.

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

21.1733, -5.1430, -0.6257

Protanopia

21.0627, -0.4445, 0.1422

Deuteranopia

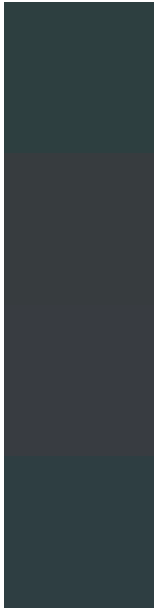
21.1294, 1.1836, -0.9925



Tritanopia

21.0507, -4.0871, -2.0565

Trichromacy



Original Color

21.1733, -5.1430, -0.6257

Protanomaly

20.9829, -1.9386, -0.3923

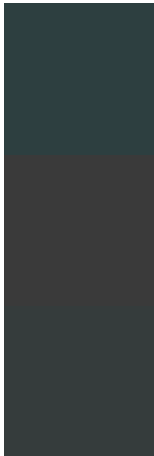
Deuteranomaly

21.1048, -1.4032, -1.0693

Tritanomaly

21.0225, -4.2461, -1.6570

Monochromacy



Original Color

21.1733, -5.1430, -0.6257

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7722, -2.8407, 0.5480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1733, -5.1430, -0.6257 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(45, 63, 64)` looks like.

```
.text, #text, p{  
    color:rgb(45, 63, 64)  
}
```

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(45, 63, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 63, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1733, -5.1430, -0.6257 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(45, 63, 64) }
```


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

```
.border{ border-color:rgb(45, 63, 64) }
```

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

Here you see how a box with a 4 pixel rgb(45, 63, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 63, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 63, 64);  
box-shadow:4px 4px 4px 4px rgb(45, 63, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1733, -5.1430, -0.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 63, 64) }
```

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

```
.background{ background-color: rgb(45, 63,  
64) }
```

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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