

Converting Colors

HunterLab(21.8334, -8.7678,
4.7946)

Have a look what the booklet for
HunterLab(21.8334, -8.7678, 4.7946)
contains.

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Color

**HunterLab(21.8333, -8.7683,
4.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4333
RGB	43, 67, 51
RGB Percent	17%, 26%, 20%
CMY	0.8314, 0.7372, 0.8000
CMYK	0.36, 0.00, 0.24, 0.74
HSL	140°, 22%, 22%
HSV	140°, 36%, 26%
XYZ	3.6010, 4.7669, 3.8623
YIQ	58.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

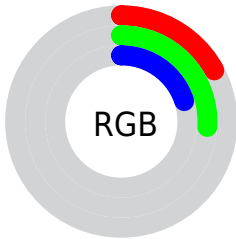
Format	Color
RYB	43, 61, 67
Decimal	2835251
CIELab	26.06, -13.36, 6.80
CIELCh	26, 14.996, 153.018
Yxy	4.7671, 0.2944, 0.3898
Android (android.graphics.Color)	4281025331 (0xFF2B4333)
YUV	58.0000, -3.4510, -13.1550
Hunter-Lab	21.8333, -8.7683, 4.7949




Details

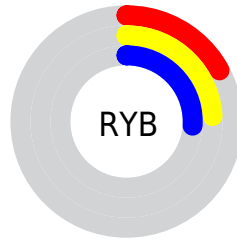
The HunterLab color **21.8333, -8.7683, 4.7949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.9914, 7.8850, -2.4118**, and the grayscale version is **20.5839, -1.0983, 1.1184**.




A 20% lighter version of the original color is **39.0492, -11.6161, 6.6872**, and **8.4037, -6.7407, 4.0473** is the 20% darker color. If you saturate the color by 10%, you get **21.4394, -10.4680, 5.7259**, and if you desaturate by 10%, it is **22.2831, -6.8829, 3.8360**.

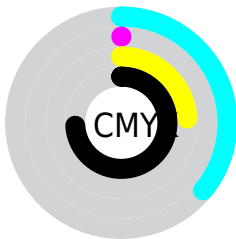
Distribution







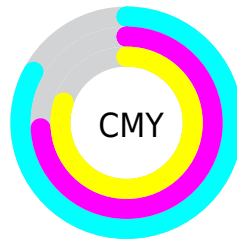
-  Red (17%)
-  Green (26%)
-  Blue (20%)






-  Red (17%)
-  Yellow (24%)
-  Blue (26%)



-  Cyan (36%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (74%)



-  Cyan (83%)
-  Magenta (74%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8333, -8.7683, 4.7949 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 21.8333, -8.7683, 4.7949 by changing the saturation by 10% instead.

■ 21.8333, -8.7683,
4.7949

■ 21.8333, -8.7683,
4.7949

■ 121.4713,
-20.6646, 13.4338

■ 14.5303, -7.2585,
3.8458

■ 39.1326, -11.5515,
6.6492

■ 8.1912, -7.5466,
3.8889

■ 48.9622, -12.8824,
7.5788

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4999, -14.1928,
8.5179

0.0000, NaN, NaN

■ 70.7009, -15.4915,
9.4698

0.0000, NaN, NaN

■ 82.5280, -16.7843,
10.4362

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9496, -18.0754,

107.9387,
-19.3681, 12.4176

21.8333, -8.7683,
4.7949

21.8333, -8.7683,
4.7949

21.4394, -10.4680,
5.7259

22.2831, -6.8829,
3.8360

21.1002, -11.9678,
6.6195

22.7868, -4.8261,
2.8571

20.8155, -13.2587,
7.4669

23.3438, -2.6152,
1.8665

20.5839, -14.3358,
8.2599

23.9525, -0.2679,
0.8713

20.4031, -15.2000,
8.9907

24.6112, 2.1984,
-0.1219

■ 20.2469, -15.9548,
9.6340

■ 25.3178, 4.7671,
-1.1079

■ 20.1835, -16.2598,
9.8726

■ 26.0701, 7.4227,
-2.0822

■ 26.8661, 10.1510,
-3.0414

■ 27.7034, 12.9395,
-3.9830

Harmonies

Analogous

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



21.8338, -5.9526, 7.3226



21.8333, -8.7683, 4.7949



21.8338, -9.6081, 0.7230

Triad

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



21.8338, -8.7687, 4.7951



21.8338, -0.6800, -9.4708



21.8338, 7.0882, 5.4365

Complementary

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



21.8333, -8.7683, 4.7949



17.9914, 7.8850, -2.4118

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.



21.8338, 8.7922, 1.6439



21.8333, -8.7683, 4.7949



21.8338, 4.0718, -7.4882

Square

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



21.8338, -8.7687, 4.7951



21.8338, -5.1821, -8.1280



21.8338, 7.6439, -3.1626



21.8338, 3.1628, 7.6330

Rectangle

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



21.8333, -8.7683, 4.7949



21.8338, -8.9986, -2.5146



21.8338, 7.6439, -3.1626



21.8338, 7.9544, 4.3386

Sweetspot

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



21.8338, -8.7687, 4.7951



29.8944, -5.0346, 3.1487



22.6247, -6.0860, 7.8452



15.2001, -2.6247, 1.6306



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.



21.8338, -8.7687, 4.7951



27.8881, -13.3695, 7.3084



22.1066, -7.1896, 0.8830



12.1170, -1.6830, 1.1142



29.3885, -23.9139, 14.8902



73.5064, -60.5777, 38.8934

Inverse Universe

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



17.9914, 7.8850, -2.4118



21.7756, 13.2378, -4.1214



17.6816, 6.3274, 1.9880



11.6214, 0.4510, 0.1809



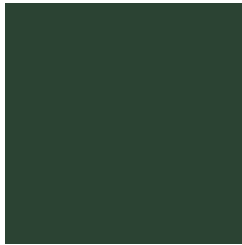
17.0673, 31.4373, -6.0954



42.5446, 78.0042, -12.3944

Previews

White Background



This preview shows how the HunterLab color 21.8333, -8.7683, 4.7949 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



This preview shows how the HunterLab color 21.8333, -8.7683, 4.7949 looks on a 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 21.8333, -8.7683, 4.7949 Background



This preview shows how black text looks on a background with the HunterLab color 21.8333, -8.7683, 4.7949.

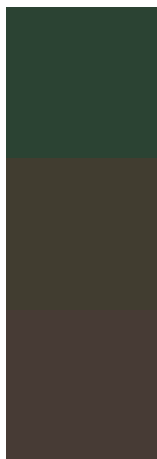


This preview shows how white text looks on a background with the HunterLab color 21.8333, -8.7683,

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

21.8333, -8.7683, 4.7949

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

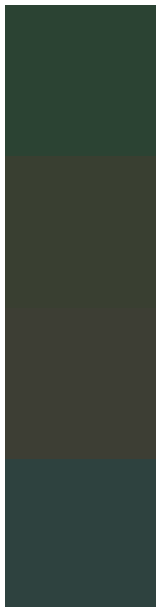
21.7361, 1.4222, 4.2311



Tritanopia

21.9707, -4.5854, -2.1786

Trichromacy



Original Color

21.8333, -8.7683, 4.7949

Protanomaly

21.5560, -4.4408, 5.2127

Deuteranomaly

21.6455, -2.6924, 4.3918

Tritanomaly

21.9913, -6.2434, 0.7630

Monochromacy



Original Color

21.8333, -8.7683, 4.7949

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.9050, -3.9106, 2.5620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8333, -8.7683, 4.7949 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(43, 67, 51)` looks like.

```
.text, #text, p{  
    color:rgb(43, 67, 51)  
}
```

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(43, 67, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 67, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8333, -8.7683, 4.7949 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(43, 67, 51) }
```


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

```
.border{ border-color:rgb(43, 67, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 67, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 67, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 67, 51);  
box-shadow:4px 4px 4px 4px rgb(43, 67, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8333, -8.7683, 4.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 67, 51) }
```

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

```
.background{ background-color: rgb(43, 67,  
51) }
```

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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