

Converting Colors

HunterLab(21.8476, -7.0053,
2.8699)

Have a look what the booklet for
HunterLab(21.8476, -7.0053, 2.8699)
contains.

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Color

**HunterLab(21.8465, -7.0729,
2.8325)**

Conversions

Conversions Part 1	
Format	Color
Hex	2E4239
RGB	46, 66, 57
RGB Percent	18%, 26%, 22%
CMY	0.8196, 0.7412, 0.7765
CMYK	0.30, 0.00, 0.14, 0.74
HSL	153°, 18%, 22%
HSV	153°, 30%, 26%
XYZ	3.8135, 4.7727, 4.5911
YIQ	58.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

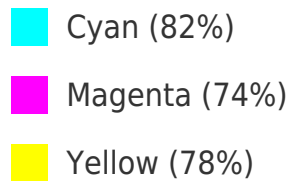
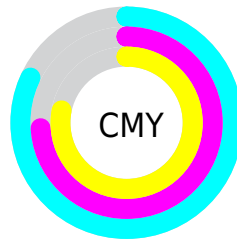
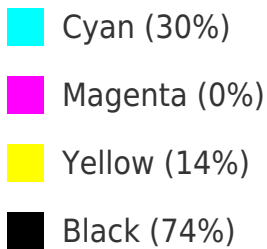
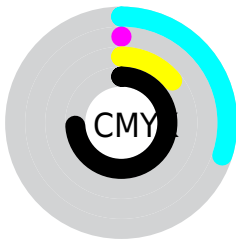
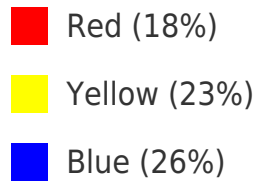
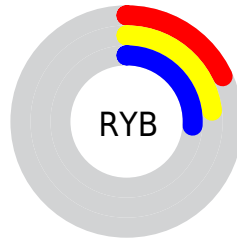
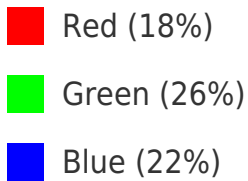
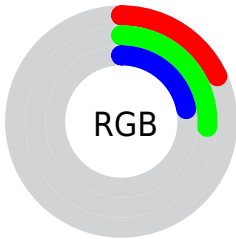
Format	Color
RYB	46, 59, 66
Decimal	3031609
CIELab	26.08, -10.20, 2.94
CIELCh	26, 10.610, 163.940
Yxy	4.7729, 0.2894, 0.3622
Android (android.graphics.Color)	4281221689 (0xFF2E4239)
YUV	58.9940, -0.9830, -11.3957
Hunter-Lab	21.8465, -7.0729, 2.8325

Details

The HunterLab color **21.8465, -7.0729, 2.8325** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.4071, 5.7384, -0.2001**, and the grayscale version is **20.9168, -1.1161, 1.1364**.

A 20% lighter version of the original color is **39.1272, -9.4872, 4.0983**, and **8.2763, -5.7293, 2.0232** is the 20% darker color. If you saturate the color by 10%, you get **21.4533, -8.6979, 3.4115**, and if you desaturate by 10%, it is **22.2905, -5.2915, 2.2825**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8465, -7.0729, 2.8325 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 21.8465, -7.0729, 2.8325 by changing the saturation by 10% instead.

■ 21.8465, -7.0729,
2.8325

■ 21.8465, -7.0729,
2.8325

121.4947,
-17.3673, 9.6074

■ 14.5418, -5.8422,
2.2083

■ 39.1486, -9.3982,
4.1538

■ 8.2027, -5.8547,
1.9298

■ 48.9795, -10.5321,
4.8542

0.0000, NaN, NaN

■ 59.5183, -11.6605,
5.5814

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7204, -12.7891,
6.3354

0.0000, NaN, NaN

■ 82.5485, -13.9217,
7.1155

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9712, -15.0610,

7.9213

0.0000, NaN, NaN

107.9611,
-16.2091, 8.7521

■ 21.8465, -7.0729,
2.8325

■ 21.8465, -7.0729,
2.8325

■ 21.4533, -8.6979,
3.4115

■ 22.2905, -5.2915,
2.2825

■ 21.1097, -10.1540,
4.0138

■ 22.7833, -3.3656,
1.7646

■ 20.8159, -11.4329,
4.6341


■ 23.3244, -1.3097,
1.2822

■ 20.5708, -12.5292,
5.2659


■ 23.9124, 0.8617,
0.8375

■ 20.3726, -13.4419,
5.9024


■ 24.5457, 3.1344,
0.4317


 20.2128, -14.1992,
6.5304

 25.2226, 5.4945,
0.0655

 20.0645, -14.9063,
7.0996

 25.9412, 7.9295,
-0.2611

 26.6996, 10.4277,
-0.5487

 27.4958, 12.9786,
-0.7982

Harmonies

Analogous

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



21.8470, -5.5000, 5.1923



21.8465, -7.0729, 2.8325



21.8470, -7.1287, -0.3547

Triad

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



21.8470, -7.0733, 2.8328



21.8470, 0.4224, -5.7096



21.8470, 3.7174, 5.0621

Complementary

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



21.8465, -7.0729, 2.8325



18.4071, 5.7384, -0.2001

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.



21.8470, 5.5119, 2.6280



21.8465, -7.0729, 2.8325



21.8470, 3.5328, -3.7524

Square

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



21.8470, -7.0733, 2.8328



21.8470, -2.9375, -5.6324



21.8470, 5.4424, -0.5929



21.8470, 0.6620, 6.3392

Rectangle

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



21.8465, -7.0729, 2.8325



21.8470, -6.3060, -2.5556



21.8470, 5.4424, -0.5929



21.8470, 4.4961, 4.3697

Sweetspot

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



21.8470, -7.0733, 2.8328



30.0886, -4.1957, 2.2658



22.1711, -6.3103, 6.6388



15.2907, -2.2273, 1.1761



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.



21.8470, -7.0733, 2.8328



28.4085, -10.8996, 4.2843



21.8938, -5.5412, -0.5649



12.1328, -1.5954, 0.8889



29.6490, -22.2966, 11.0732



74.1397, -56.6388, 29.5988

Inverse Universe

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



18.4071, 5.7384, -0.2001



22.8629, 9.8234, -0.5673



18.3361, 4.3526, 3.0166



11.6047, 0.3613, 0.4180



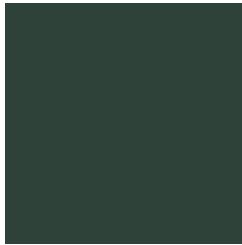
16.4767, 29.3027, 2.2296



41.0495, 72.5867, 8.7873

Previews

White Background



This preview shows how the HunterLab color 21.8465, -7.0729, 2.8325 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 21.8465, -7.0729, 2.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

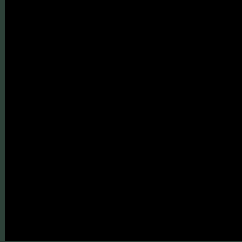
Any Text WCAG AA × Fail

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 21.8465, -7.0729, 2.8325 Background



This preview shows how black text looks on a background with the HunterLab color 21.8465, -7.0729, 2.8325.



This preview shows how white text looks on a background with the HunterLab color 21.8465, -7.0729,

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

21.8465, -7.0729, 2.8325

Protanopia

21.6871, -1.1392, 3.4621

Deuteranopia

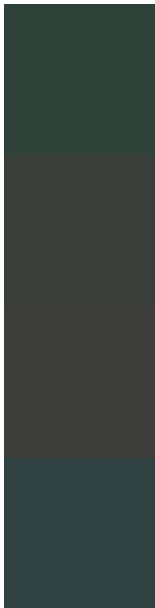
21.6763, 1.4446, 2.4330



Tritanopia

21.7932, -3.9488, -1.9577

Trichromacy



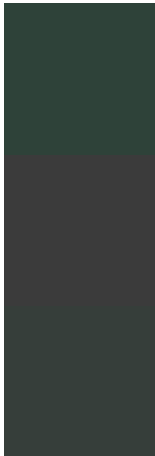
Original Color
21.8465, -7.0729, 2.8325

Protanomaly
21.7034, -3.6136, 3.0895

Deuteranomaly
21.7781, -1.9591, 2.4872

Tritanomaly
21.8875, -5.1651, -0.1505

Monochromacy



Original Color
21.8465, -7.0729, 2.8325

Achromatopsia
20.9129, -1.1159, 1.1362

Achromatomaly
21.2956, -3.6748, 1.9130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8465, -7.0729, 2.8325 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(46, 66, 57) looks like.

```
.text, #text, p{  
    color:rgb(46, 66, 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(46, 66, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 66, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8465, -7.0729, 2.8325 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(46, 66, 57) }
```


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

```
.border{ border-color:rgb(46, 66, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 66, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 66, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 66, 57);  
box-shadow:4px 4px 4px 4px rgb(46, 66, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8465, -7.0729, 2.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 66, 57) }
```

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

```
.background{ background-color: rgb(46, 66,  
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](#).

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