

Converting Colors

HunterLab(21.2265, -8.6355,
6.8100)

Have a look what the booklet for
HunterLab(21.2265, -8.6355, 6.8100)
contains.

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Color

**HunterLab(21.2265, -8.6355,
6.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	2D412A
RGB	45, 65, 42
RGB Percent	18%, 25%, 16%
CMY	0.8235, 0.7451, 0.8353
CMYK	0.31, 0.00, 0.35, 0.75
HSL	112°, 21%, 21%
HSV	112°, 35%, 25%
XYZ	3.3904, 4.5056, 2.8815
YIQ	56.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

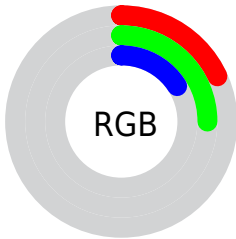
Format	Color
R _Y B	42, 65, 62
Decimal	2965802
CIE Lab	25.28, -13.33, 11.57
CIE LCh	25, 17.648, 139.045
Yxy	4.5058, 0.3146, 0.4181
Android (android.graphics.Color)	4281155882 (0xFF2D412A)
YUV	56.3980, -7.0982, -9.9960
Hunter-Lab	21.2265, -8.6355, 6.8100

Details

The HunterLab color **21.2265, -8.6355, 6.8100** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.4981, 7.8251, -6.0268**, and the grayscale version is **20.0469, -1.0697, 1.0892**.

A 20% lighter version of the original color is **38.3699, -11.6024, 9.5073**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.8405, -10.3374, 8.0254**, and if you desaturate by 10%, it is **21.6637, -6.7485, 5.4287**.

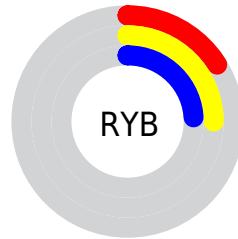
Distribution



Red (18%)

Green (25%)

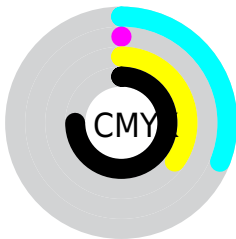
Blue (16%)



Red (16%)

Yellow (25%)

Blue (24%)

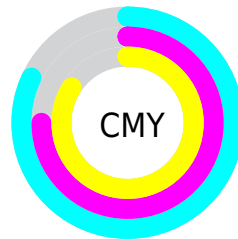


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2265, -8.6355, 6.8100 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 21.2265, -8.6355, 6.8100 by changing the saturation by 10% instead.

■ 21.2265, -8.6355,
6.8100

■ 21.2265, -8.6355,
6.8100

120.3926,
-20.5262, 17.8710

■ 14.0013, -7.1194,
5.4202

■ 38.3944, -11.4224,
9.3725

■ 7.6438, -8.0062,
5.3507

■ 48.1664, -12.7531,
10.6019

0.0000, NaN, NaN

■ 58.6504, -14.0627,
11.8162

0.0000, NaN, NaN

■ 69.8008, -15.3601,
13.0234

0.0000, NaN, NaN

■ 81.5801, -16.6514,
14.2292

0.0000, NaN, NaN

■ 93.9563, -17.9408,

0.0000, NaN, NaN

0.0000, NaN, NaN

106.9018,
-19.2316, 16.6506

21.2265, -8.6355,
6.8100

21.2265, -8.6355,
6.8100

20.8405, -10.3374,
8.0254

21.6637, -6.7485,
5.4287

20.5046, -11.8403,
9.0664

22.1499, -4.6901,
3.8913

20.2191, -13.1350,
9.9282

22.6845, -2.4769,
2.2098

19.9830, -14.2159,
10.6101

23.2661, -0.1256,
0.3972

19.7948, -15.0826,
11.1163

23.8929, 2.3473,
-1.5334

■ 19.6445, -15.7873,
11.5685

■ 24.5632, 4.9259,
-3.5691

■ 19.5844, -16.0758,
11.7864

■ 25.2750, 7.5952,
-5.6974

■ 26.0263, 10.3418,
-7.9069

■ 26.8151, 13.1534,
-10.1869

Harmonies

Analogous

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



21.2270, -4.5187, 8.7094



21.2265, -8.6355, 6.8100



21.2270, -10.6636, 3.0029

Triad

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



21.2270, -8.6359, 6.8102



21.2270, -3.1322, -11.4874



21.2270, 9.9756, 4.2200

Complementary

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



21.2265, -8.6355, 6.8100



17.4981, 7.8251, -6.0268

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.



21.2270, 10.4452, -0.8746



21.2265, -8.6355, 6.8100



21.2270, 2.4775, -10.9160

Square

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



21.2270, -8.6359, 6.8102



21.2270, -7.7113, -8.0753



21.2270, 7.5810, -6.6715



21.2270, 6.3571, 7.5026

Rectangle

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



21.2265, -8.6355, 6.8100



21.2270, -10.7141, -0.5105



21.2270, 7.5810, -6.6715



21.2270, 10.5200, 2.6964

Sweetspot

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



21.2270, -8.6359, 6.8102



29.0019, -4.9815, 4.2143



21.7467, -2.6216, 7.3820



15.2055, -2.6862, 2.2662



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.



21.2270, -8.6359, 6.8102



27.1151, -13.0718, 10.1723



21.2299, -8.3096, 4.3709



12.1203, -1.7184, 1.4837



29.3492, -24.4416, 17.6569



73.3428, -61.9626, 44.1087

Inverse Universe

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



17.4981, 7.8251, -6.0268



21.2333, 12.9957, -10.1953



17.5242, 7.3858, -1.9785



11.6170, 0.4891, -0.2328



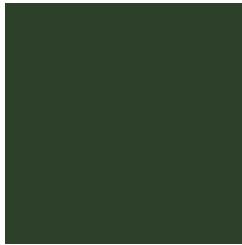
16.6078, 33.6268, -29.4645



41.2599, 83.7549, -74.8565

Previews

White Background



This preview shows how the HunterLab color 21.2265, -8.6355, 6.8100 looks on a white background.

Color Contrast Check

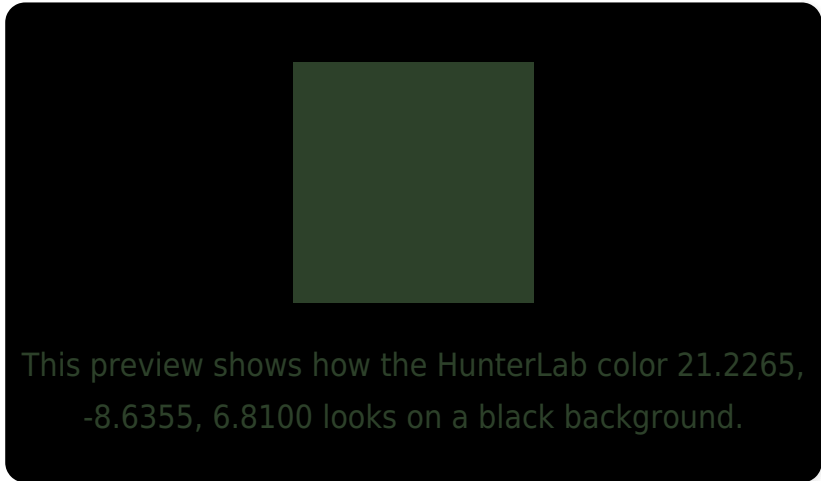
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2265, -8.6355, 6.8100 Background



This preview shows how black text looks on a background with the HunterLab color 21.2265, -8.6355, 6.8100.



This preview shows how white text looks on a background with the HunterLab color 21.2265, -8.6355,

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

21.2265, -8.6355, 6.8100

Protanopia

21.2338, -2.0301, 7.4432

Deuteranopia

21.0896, 1.3186, 6.3193



Tritanopia

21.2214, -3.4722, -1.8203

Trichromacy



Original Color

21.2265, -8.6355, 6.8100

Protanomaly

21.2247, -4.6151, 7.1376

Deuteranomaly

21.0482, -2.5856, 6.4866

Tritanomaly

21.1870, -5.3980, 1.7588

Monochromacy



Original Color

21.2265, -8.6355, 6.8100

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2411, -3.8714, 3.2305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2265, -8.6355, 6.8100 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, 65, 42)` looks like.

```
.text, #text, p{  
    color:rgb(45, 65, 42)  
}
```

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, 65, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 65, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2265, -8.6355, 6.8100 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, 65, 42) }
```


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

```
.border{ border-color:rgb(45, 65, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 65, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 65, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 65, 42);  
box-shadow:4px 4px 4px 4px rgb(45, 65, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2265, -8.6355, 6.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 65, 42) }
```

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

```
.background{ background-color: rgb(45, 65,  
42) }
```

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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