

Converting Colors

HunterLab(21.4415, -8.0098,
6.0208)

Have a look what the booklet for
HunterLab(21.4415, -8.0098, 6.0208)
contains.

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Color

**HunterLab(21.4060, -7.8102,
5.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	2F412E
RGB	47, 65, 46
RGB Percent	18%, 25%, 18%
CMY	0.8157, 0.7451, 0.8196
CMYK	0.28, 0.00, 0.29, 0.75
HSL	117°, 17%, 22%
HSV	117°, 29%, 25%
XYZ	3.5557, 4.5822, 3.2818
YIQ	57.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

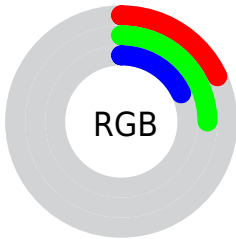
Format	Color
R_{YB}	46, 65, 64
Decimal	3096878
CIE Lab	25.51, -11.70, 9.33
CIE LCh	26, 14.960, 141.432
Yxy	4.5824, 0.3114, 0.4013
Android (android.graphics.Color)	4281286958 (0xFF2F412E)
YUV	57.4520, -5.6458, -9.1664
Hunter-Lab	21.4060, -7.8102, 5.8943

Details

The HunterLab color **21.4060, -7.8102, 5.8943** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.5088, 6.6263, -4.4996**, and the grayscale version is **20.4023, -1.0886, 1.1085**.

A 20% lighter version of the original color is **38.6136, -10.4782, 8.0631**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.9732, -9.6974, 7.2039**, and if you desaturate by 10%, it is **21.8962, -5.7253, 4.4340**.

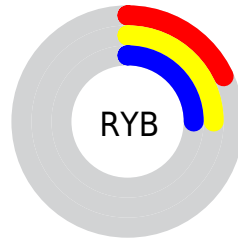
Distribution



 Red (18%)

 Green (25%)

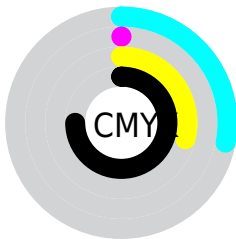
 Blue (18%)



 Red (18%)

 Yellow (25%)

 Blue (25%)

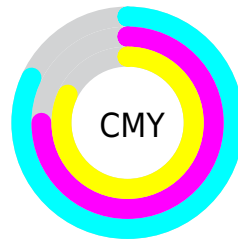


 Cyan (28%)

 Magenta (0%)

 Yellow (29%)

 Black (75%)



 Cyan (82%)

 Magenta (75%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4060, -7.8102, 5.8943 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 21.4060, -7.8102, 5.8943 by changing the saturation by 10% instead.

■ 21.4060, -7.8102,
5.8943

■ 21.4060, -7.8102,
5.8943

■ 120.7124,
-18.8656, 15.7972

■ 14.1576, -6.4429,
4.7160

■ 38.6130, -10.3560,
8.1172

■ 7.8103, -6.9431,
5.3752

■ 48.4022, -11.5837,
9.2031

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.9021, -12.7985,
10.2858

0.0000, NaN, NaN

■ 70.0676, -14.0075,
11.3710

0.0000, NaN, NaN

■ 81.8611, -15.2157,
12.4625

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.2507, -16.4265,

107.2092,
-17.6425, 14.6741

■ 21.4060, -7.8102,
5.8943

■ 21.4060, -7.8102,
5.8943

■ 20.9732, -9.6974,
7.2039

■ 21.8962, -5.7253,
4.4340

■ 20.5970, -11.3689,
8.3509

■ 22.4411, -3.4602,
2.8354

■ 20.2779, -12.8119,
9.3270

■ 23.0398, -1.0352,
1.1127

■ 20.0151, -14.0179,
10.1273

■ 23.6903, 1.5300,
-0.7197

■ 19.8069, -14.9838,
10.7515

■ 24.3904, 4.2161,
-2.6479

■ 19.6493, -15.7223,
11.2261

■ 25.1379, 7.0052,
-4.6587

■ 19.5115, -16.3802,
11.6925

■ 25.9304, 9.8808,
-6.7399

■ 19.5008, -16.4312,
11.7287

■ 26.7654, 12.8283,
-8.8806

■ 27.6407, 15.8350,
-11.0710

Harmonies

Analogous

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



21.4065, -4.3714, 7.7642



21.4060, -7.8102, 5.8943



21.4065, -9.4274, 2.4166

Triad

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



21.4065, -7.8106, 5.8945



21.4065, -2.4838, -9.2975



21.4065, 8.0139, 4.0960

Complementary

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



21.4060, -7.8102, 5.8943



18.5088, 6.6263, -4.4996

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.



21.4065, 8.6303, -0.1666



21.4060, -7.8102, 5.8943



21.4065, 2.2881, -8.5731

Square

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



21.4065, -7.8106, 5.8945



21.4065, -6.5320, -6.7782



21.4065, 6.4552, -4.9723



21.4065, 4.8375, 6.8939

Rectangle

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



21.4060, -7.8102, 5.8943



21.4065, -9.3608, -0.6245



21.4065, 6.4552, -4.9723



21.4065, 8.5377, 2.8126

Sweetspot

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



21.4065, -7.8106, 5.8945



29.1042, -4.5342, 3.7104



22.2667, -2.9593, 6.7862



15.2483, -2.4956, 2.0294



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.



21.4065, -7.8106, 5.8945



27.3583, -11.9332, 8.8982



21.5178, -7.0585, 3.4395



12.1042, -1.7759, 1.4649



29.2640, -24.8050, 17.5981



73.2143, -62.5118, 44.0199

Inverse Universe

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



18.5088, 6.6263, -4.4996



22.7312, 11.1852, -7.7550



18.3603, 5.6867, -0.9891



11.6353, 0.5507, -0.2089



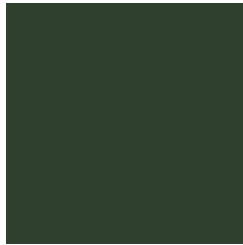
17.6816, 35.1507, -26.3297



44.1468, 87.8424, -66.3526

Previews

White Background



This preview shows how the HunterLab color 21.4060, -7.8102, 5.8943 looks on a white background.

Color Contrast Check

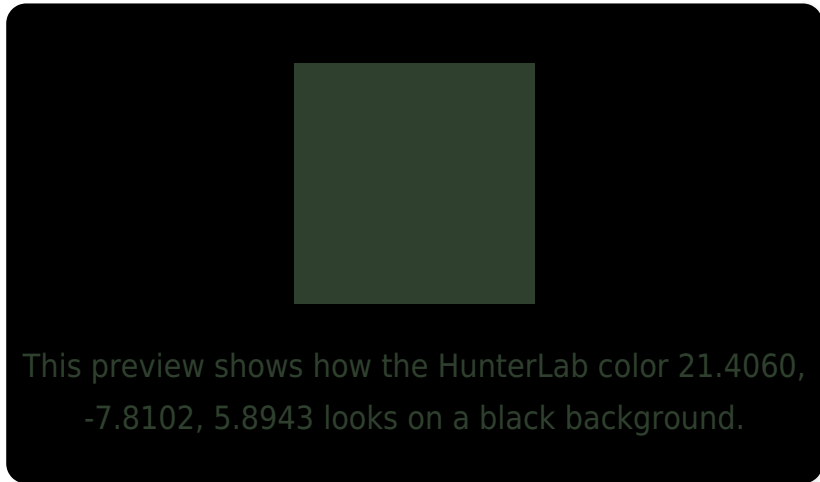
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4060, -7.8102, 5.8943 Background



This preview shows how black text looks on a background with the HunterLab color 21.4060, -7.8102, 5.8943.



This preview shows how white text looks on a background with the HunterLab color 21.4060, -7.8102,

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

21.4060, -7.8102, 5.8943

Protanopia

21.3011, -1.6589, 6.4641

Deuteranopia

21.3110, 1.0034, 5.3697



Tritanopia

21.3408, -3.0448, -1.6562

Trichromacy



Original Color

21.4060, -7.8102, 5.8943

Protanomaly

21.2938, -4.2261, 6.1346

Deuteranomaly

21.3702, -2.5799, 5.6617

Tritanomaly

21.3281, -4.8322, 1.5554

Monochromacy



Original Color

21.4060, -7.8102, 5.8943

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.6050, -3.7748, 2.9388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4060, -7.8102, 5.8943 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(47, 65, 46)` looks like.

```
.text, #text, p{  
    color:rgb(47, 65, 46)  
}
```

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(47, 65, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 65, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4060, -7.8102, 5.8943 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(47, 65, 46) }
```


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

```
.border{ border-color:rgb(47, 65, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 65, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 65, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 65, 46);  
box-shadow:4px 4px 4px 4px rgb(47, 65, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4060, -7.8102, 5.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 65, 46) }
```

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

```
.background{ background-color: rgb(47, 65,  
46) }
```

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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