

Converting Colors

HunterLab(21.3530, -8.1359,
6.8011)

Have a look what the booklet for
HunterLab(21.3530, -8.1359, 6.8011)
contains.

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Color

**HunterLab(21.3526, -8.1199,
6.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	2F412B
RGB	47, 65, 43
RGB Percent	18%, 25%, 17%
CMY	0.8157, 0.7451, 0.8314
CMYK	0.28, 0.00, 0.34, 0.75
HSL	109°, 20%, 21%
HSV	109°, 34%, 25%
XYZ	3.4986, 4.5593, 2.9811
YIQ	57.1100, -3.6660, -10.6580

Conversions

Conversions Part 2

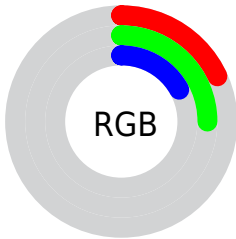
Format	Color
R_YB	43, 65, 61
Decimal	3096875
CIE Lab	25.44, -12.30, 11.17
CIE LCh	25, 16.614, 137.755
Yxy	4.5595, 0.3169, 0.4130
Android (android.graphics.Color)	4281286955 (0xFF2F412B)
YUV	57.1100, -6.9562, -8.8665
Hunter-Lab	21.3526, -8.1199, 6.6691

Details

The HunterLab color **21.3526, -8.1199, 6.6691** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.6114, 7.1136, -5.8604**, and the grayscale version is **20.2894, -1.0826, 1.1024**.

A 20% lighter version of the original color is **38.5470, -10.8583, 9.0253**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.9685, -9.8082, 7.9155**, and if you desaturate by 10%, it is **21.7838, -6.2624, 5.2531**.

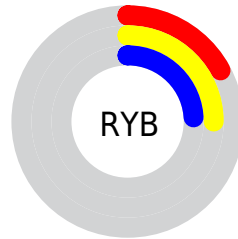
Distribution



Red (18%)

Green (25%)

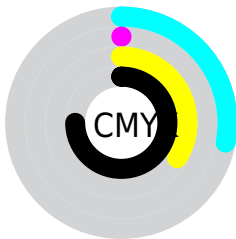
Blue (17%)



Red (17%)

Yellow (25%)

Blue (24%)

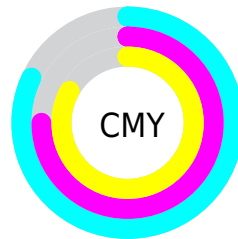


Cyan (28%)

Magenta (0%)

Yellow (34%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3526, -8.1199, 6.6691 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 21.3526, -8.1199, 6.6691 by changing the saturation by 10% instead.

■ 21.3526, -8.1199,
6.6691

■ 21.3526, -8.1199,
6.6691

■ 120.6174,
-19.4824, 17.5212

■ 14.1111, -6.6982,
5.3187

■ 38.5480, -10.7541,
9.1694

■ 7.7612, -7.3199,
5.4328

■ 48.3321, -12.0197,
10.3728

0.0000, NaN, NaN

■ 58.8272, -13.2693,
11.5634

0.0000, NaN, NaN

■ 69.9883, -14.5108,
12.7487

0.0000, NaN, NaN

■ 81.7775, -15.7496,
13.9341

0.0000, NaN, NaN

■ 94.1632, -16.9894,

0.0000, NaN, NaN

107.1178,
-18.2329, 16.3180

21.3526, -8.1199,
6.6691

21.3526, -8.1199,
6.6691

20.9685, -9.8082,
7.9155

21.7838, -6.2624,
5.2531

20.6304, -11.3143,
8.9842

22.2598, -4.2479,
3.6764

20.3388, -12.6294,
9.8712

22.7802, -2.0912,
1.9504

20.0929, -13.7476,
10.5757

23.3437, 0.1929,
0.0871

19.8918, -14.6668,
11.1014

23.9487, 2.5897,
-1.9010

■ 19.7278, -15.4251,
11.5409

■ 24.5936, 5.0853,
-4.0017

■ 19.6408, -15.8364,
11.8253

■ 25.2767, 7.6662,
-6.2030

■ 25.9963, 10.3206,
-8.4935

■ 26.7507, 13.0373,
-10.8628

Harmonies

Analogous

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



21.3531, -4.1365, 8.4421



21.3526, -8.1199, 6.6691



21.3531, -10.1486, 3.1029

Triad

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



21.3531, -8.1203, 6.6693



21.3531, -3.2425, -10.5324



21.3531, 9.3648, 3.8917

Complementary

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



21.3526, -8.1199, 6.6691



17.6114, 7.1136, -5.8604

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.



21.3531, 9.6635, -0.9795



21.3526, -8.1199, 6.6691



21.3531, 2.0304, -10.1738

Square

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



21.3531, -8.1203, 6.6693



21.3531, -7.5206, -7.2520



21.3531, 6.8699, -6.3661



21.3531, 6.0896, 7.1259

Rectangle

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



21.3526, -8.1199, 6.6691



21.3531, -10.2621, -0.1764



21.3531, 6.8699, -6.3661



21.3531, 9.8274, 2.4196

Sweetspot

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



21.3531, -8.1203, 6.6693



29.1048, -4.5724, 4.0236



21.5229, -2.1428, 6.9287



15.2557, -2.4874, 2.1816



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.



21.3531, -8.1203, 6.6693



27.2575, -12.4910, 10.0995



21.2706, -8.1735, 4.5626



12.1310, -1.6803, 1.4962



29.4208, -24.1371, 17.7064



73.4804, -61.3755, 44.2038

Inverse Universe

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



17.6114, 7.1136, -5.8604



21.2327, 12.1377, -10.2114



17.7694, 7.1622, -2.2971



11.6051, 0.4486, -0.2486



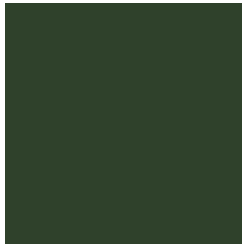
15.9239, 32.6782, -31.6329



39.4276, 81.2256, -80.7584

Previews

White Background



This preview shows how the HunterLab color 21.3526, -8.1199, 6.6691 looks on a white background.

Color Contrast Check

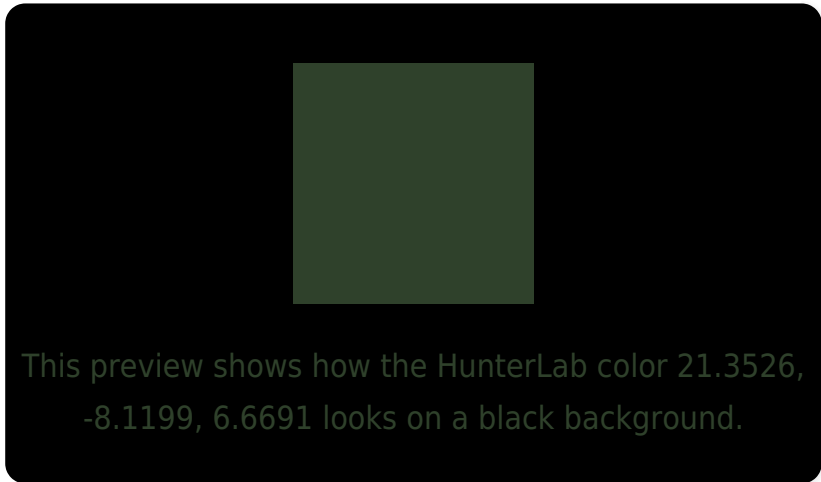
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3526, -8.1199, 6.6691 Background



This preview shows how black text looks on a background with the HunterLab color 21.3526, -8.1199, 6.6691.



This preview shows how white text looks on a background with the HunterLab color 21.3526, -8.1199, 6.6691.

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

21.3526, -8.1199, 6.6691

Protanopia

21.2500, -1.9406, 7.2070

Deuteranopia

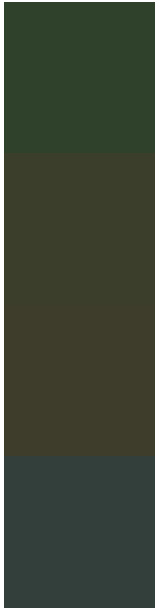
21.3428, 0.9985, 6.2722



Tritanopia

21.3408, -3.0448, -1.6562

Trichromacy



Original Color

21.3526, -8.1199, 6.6691

Protanomaly

21.2414, -4.5212, 6.8955

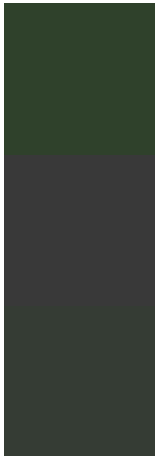
Deuteranomaly

21.3154, -2.8842, 6.4559

Tritanomaly

21.3040, -4.9686, 1.9000

Monochromacy



Original Color

21.3526, -8.1199, 6.6691

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.5828, -3.8988, 3.2564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3526, -8.1199, 6.6691 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(47, 65, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 65, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3526, -8.1199, 6.6691 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, 43) }
```


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

```
.border{ border-color:rgb(47, 65, 43) }
```

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, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 65, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 65, 43);  
box-shadow:4px 4px 4px 4px rgb(47, 65, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3526, -8.1199, 6.6691 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, 43) }
```

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

```
.background{ background-color: rgb(47, 65,  
43) }
```

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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