

Converting Colors

HunterLab(18.1320, -5.6686,
6.8487)

Have a look what the booklet for
HunterLab(18.1320, -5.6686, 6.8487)
contains.

HunterLab(18.1526, -5.7216, 6.8513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.1526, -5.7216,
6.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	2D361F
RGB	45, 54, 31
RGB Percent	18%, 21%, 12%
CMY	0.8235, 0.7882, 0.8784
CMYK	0.17, 0.00, 0.43, 0.79
HSL	83°, 27%, 17%
HSV	83°, 43%, 21%
XYZ	2.6487, 3.2952, 1.7928
YIQ	48.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

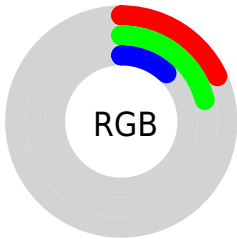
Format	Color
R_{YB}	31, 54, 40
Decimal	2962975
CIE _{Lab}	21.19, -8.71, 13.24
CIE _{LCh}	21, 15.847, 123.341
Yxy	3.2953, 0.3424, 0.4259
Android (android.graphics.Color)	4281153055 (0xFF2D361F)
YUV	48.6870, -8.7197, -3.2335
Hunter-Lab	18.1526, -5.7216, 6.8513

Details

The HunterLab color **18.1526, -5.7216, 6.8513** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.0289, 5.0253, -7.7664**, and the grayscale version is **17.4489, -0.9310, 0.9480**.

A 20% lighter version of the original color is **34.6980, -8.0529, 9.8653**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.9512, -6.6271, 7.7943**, and if you desaturate by 10%, it is **18.3722, -4.7394, 5.7473**.

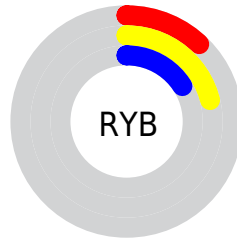
Distribution



Red (18%)

Green (21%)

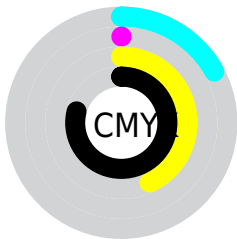
Blue (12%)



Red (12%)

Yellow (21%)

Blue (16%)

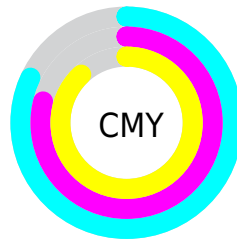


Cyan (17%)

Magenta (0%)

Yellow (43%)

Black (79%)



Cyan (82%)

Magenta (79%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1526, -5.7216, 6.8513 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 18.1526, -5.7216, 6.8513 by changing the saturation by 10% instead.

■ 18.1526, -5.7216,
6.8513

■ 18.1526, -5.7216,
6.8513

■ 114.8131,
-15.2698, 18.8797

■ 11.3481, -4.5876,
5.7324

■ 34.6171, -7.8571,
9.7315

■ 3.6293, -6.3512,
2.5405

■ 44.0827, -8.9015,
11.0840

0.0000, NaN, NaN

■ 54.2816, -9.9442,
12.4068

0.0000, NaN, NaN

■ 65.1645, -10.9907,
13.7117


0.0000, NaN, NaN


■ 76.6909, -12.0444,
15.0066


0.0000, NaN, NaN


■ 88.8266, -13.1077,


0.0000, NaN, NaN


 101.5424,
-14.1825, 17.5871


 18.1526, -5.7216,
6.8513

 18.1526, -5.7216,
6.8513


 17.9512, -6.6271,
7.7943


 18.3722, -4.7394,
5.7473


 17.7665, -7.4532,
8.5772


 18.6088, -3.6810,
4.4823


 17.5987, -8.2001,
9.2031

 18.8627, -2.5494,
3.0582

 17.4473, -8.8685,
9.6784

 19.1340, -1.3475,
1.4782

 17.3053, -9.4977,
10.1037

 19.4225, -0.0787,
-0.2537

■ 17.2036, -9.9542,
10.4265

■ 19.7278, 1.2537,
-2.1327

■ 20.0498, 2.6459,
-4.1533

■ 20.3881, 4.0941,
-6.3094

■ 20.7424, 5.5946,
-8.5946

Harmonies

Analogous

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



18.1530, -1.4988, 7.6982



18.1526, -5.7216, 6.8513



18.1530, -8.4327, 4.4704

Triad

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



18.1530, -5.7221, 6.8515



18.1530, -4.8888, -8.6187



18.1530, 9.0786, 1.4872

Complementary

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



18.1526, -5.7216, 6.8513



13.0289, 5.0253, -7.7664

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.



18.1530, 7.9360, -3.3588



18.1526, -5.7216, 6.8513



18.1530, -0.4342, -10.0025

Square

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



18.1530, -5.7221, 6.8515



18.1530, -7.9875, -4.4657



18.1530, 4.3285, -7.8728



18.1530, 7.3088, 5.1445

Rectangle

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



18.1526, -5.7216, 6.8513



18.1530, -9.1804, 1.9671



18.1530, 4.3285, -7.8728



18.1530, 9.0230, -0.0486

Sweetspot

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



18.1530, -5.7221, 6.8515



24.7532, -3.5181, 4.2344



15.4550, 2.0751, 4.5863



12.9167, -1.8999, 2.2915



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1530, -5.7221, 6.8515



23.5649, -8.8349, 10.3679



17.5276, -8.1066, 6.2733



10.6606, -1.1538, 1.3564



29.0806, -17.5383, 17.6123



74.7297, -46.7972, 45.2288

Inverse Universe

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



13.0289, 5.0253, -7.7664



15.2322, 8.8381, -13.9258



13.9945, 7.8718, -6.0257



10.0698, 0.0668, -0.2808



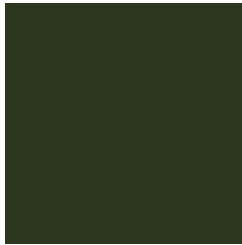
10.6908, 25.5032, -48.8652



26.6463, 64.8853, -132.0255

Previews

White Background



This preview shows how the HunterLab color 18.1526, -5.7216, 6.8513 looks on a white background.

Color Contrast Check

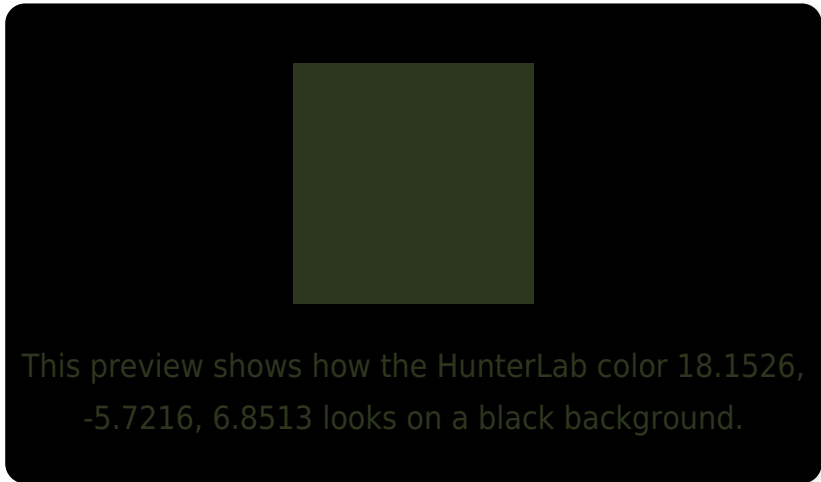
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1526, -5.7216, 6.8513 Background



This preview shows how black text looks on a background with the HunterLab color 18.1526, -5.7216, 6.8513.

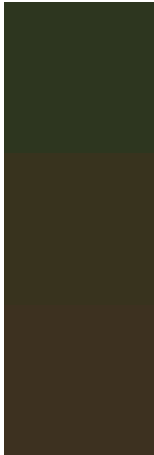


This preview shows how white text looks on a background with the HunterLab color 18.1526, -5.7216, 6.8513.

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

18.1526, -5.7216, 6.8513

Protanopia

18.1718, -1.8500, 7.1574

Deuteranopia

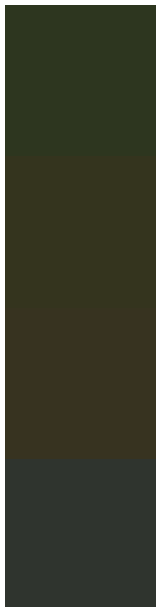
18.1467, 0.5415, 6.7266



Tritanopia

18.0883, -1.1385, -0.7214

Trichromacy



Original Color

18.1526, -5.7216, 6.8513

Protanomaly

18.1102, -3.3213, 7.0800

Deuteranomaly

18.1223, -1.9668, 6.6617

Tritanomaly

18.0488, -2.9697, 2.5786

Monochromacy



Original Color

18.1526, -5.7216, 6.8513

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7854, -2.8153, 3.6077

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1526, -5.7216, 6.8513 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, 54, 31)` looks like.

```
.text, #text, p{  
    color:rgb(45, 54, 31)  
}
```

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, 54, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 54, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1526, -5.7216, 6.8513 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, 54, 31) }
```


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

```
.border{ border-color:rgb(45, 54, 31) }
```

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

Here you see how a box with a 4 pixel rgb(45, 54, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 54, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 54, 31);  
box-shadow:4px 4px 4px 4px rgb(45, 54, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1526, -5.7216, 6.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 54, 31) }
```

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

```
.background{ background-color: rgb(45, 54,  
31) }
```

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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