

Converting Colors

HunterLab(16.8723, -5.1475,
4.3698)

Have a look what the booklet for
HunterLab(16.8723, -5.1475, 4.3698)
contains.

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Color

**HunterLab(16.8520, -5.1742,
4.4213)**

Conversions

Conversions Part 1

Format	Color
Hex	273224
RGB	39, 50, 36
RGB Percent	15%, 20%, 14%
CMY	0.8471, 0.8039, 0.8588
CMYK	0.22, 0.00, 0.28, 0.80
HSL	107°, 16%, 17%
HSV	107°, 28%, 20%
XYZ	2.2957, 2.8399, 2.0962
YIQ	45.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

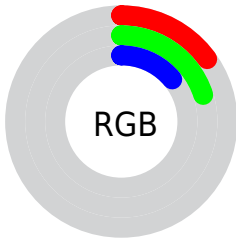
Format	Color
RYB	36, 50, 47
Decimal	2568740
CIELab	19.39, -8.02, 7.42
CIELCh	19, 10.920, 137.225
Yxy	2.8400, 0.3174, 0.3927
Android (android.graphics.Color)	4280758820 (0xFF273224)
YUV	45.1150, -4.4937, -5.3629
Hunter-Lab	16.8520, -5.1742, 4.4213

Details

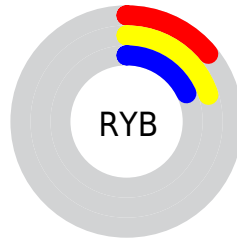
The HunterLab color **16.8520, -5.1742, 4.4213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.4792, 3.9901, -3.3654**, and the grayscale version is **16.2521, -0.8672, 0.8830**.

A 20% lighter version of the original color is **32.9312, -7.0886, 6.1524**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.5493, -6.4885, 5.4397**, and if you desaturate by 10%, it is **17.1856, -3.7534, 3.2864**.

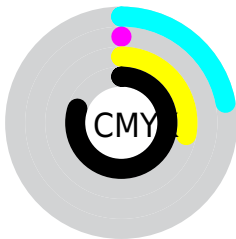
Distribution



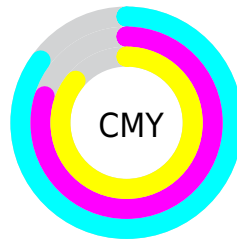
- Red (15%)
- Green (20%)
- Blue (14%)



- Red (14%)
- Yellow (20%)
- Blue (18%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8520, -5.1742, 4.4213 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 16.8520, -5.1742, 4.4213 by changing the saturation by 10% instead.

■ 16.8520, -5.1742,
4.4213

■ 16.8520, -5.1742,
4.4213

112.3867,
-14.3612, 13.3309

■ 10.2411, -4.1084,
3.6166

■ 32.9972, -7.2139,
6.3833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.3248, -8.2145,
7.3489

0.0000, NaN, NaN

■ 52.3958, -9.2159,
8.3176

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1589, -10.2230,
9.2943

0.0000, NaN, NaN

■ 74.5723, -11.2392,
10.2823

0.0000, NaN, NaN

■ 86.6007, -12.2668,

0.0000, NaN, NaN

11.2836

■ 99.2141, -13.3071,
12.2994

■ 16.8520, -5.1742,
4.4213

■ 16.8520, -5.1742,
4.4213

■ 16.5493, -6.4885,
5.4397

■ 17.1856, -3.7534,
3.2864

■ 16.2770, -7.6873,
6.3354

■ 17.5486, -2.2337,
2.0410

■ 16.0355, -8.7638,
7.1044

■ 17.9405, -0.6245,
0.6930

■ 15.8248, -9.7127,
7.7445

■ 18.3604, 1.0650,
-0.7499

■ 15.6445, -10.5303,
8.2559

■ 18.8075, 2.8260,
-2.2797

■ 15.4907, -11.2354,
8.6892

■ 19.2807, 4.6500,
-3.8884

■ 15.3561, -11.8686,
9.1437

■ 19.7789, 6.5292,
-5.5684

■ 15.3314, -11.9867,
9.2373

■ 20.3010, 8.4561,
-7.3125

■ 20.8461, 10.4242,
-9.1139

Harmonies

Analogous

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



16.8524, -2.6802, 5.5971



16.8520, -5.1742, 4.4213



16.8524, -6.4800, 2.1584

Triad

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



16.8524, -5.1746, 4.4215



16.8524, -2.2364, -5.8312



16.8524, 5.3749, 2.5570

Complementary

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



16.8520, -5.1742, 4.4213



14.4792, 3.9901, -3.3654

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.



16.8524, 5.5160, -0.4260



16.8520, -5.1742, 4.4213



16.8524, 0.9570, -5.6698

Square

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



16.8524, -5.1746, 4.4215



16.8524, -4.8706, -3.9581



16.8524, 3.8480, -3.5511



16.8524, 3.4758, 4.6663

Rectangle

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



16.8520, -5.1742, 4.4213



16.8524, -6.5692, 0.1660



16.8524, 3.8480, -3.5511



16.8524, 5.6342, 1.6356

Sweetspot

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



16.8524, -5.1746, 4.4215



22.1438, -2.8992, 2.6425



16.8403, -1.3911, 4.4761



12.1377, -1.6562, 1.5041



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.8524, -5.1746, 4.4215



20.9858, -7.8230, 6.5858



16.7612, -5.3632, 3.1434



9.8314, -1.2749, 1.1631



27.0668, -21.8837, 16.2953



70.7728, -58.5416, 42.5850

Inverse Universe

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



14.4792, 3.9901, -3.3654



17.2094, 6.7971, -5.8593



14.6200, 4.2076, -1.4142



9.4300, 0.2699, -0.1464



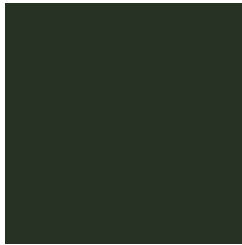
14.2562, 29.5029, -30.2346



36.8483, 76.6637, -81.3039

Previews

White Background



This preview shows how the HunterLab color 16.8520, -5.1742, 4.4213 looks on a white background.

Color Contrast Check

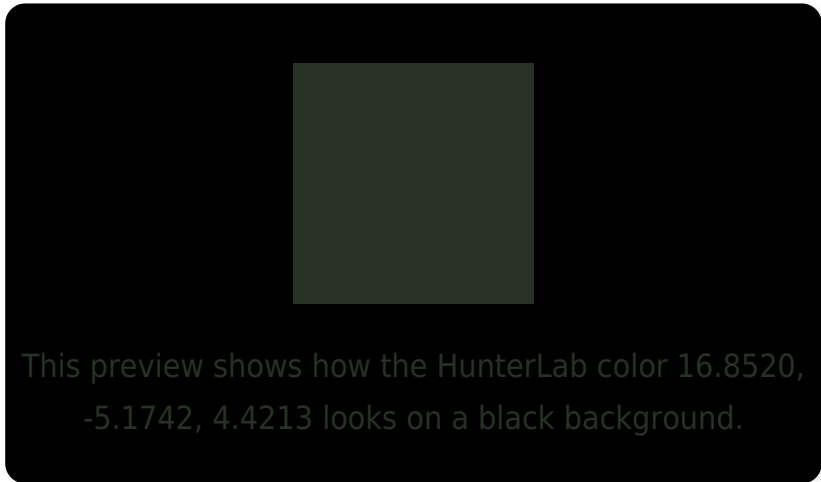
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8520, -5.1742, 4.4213 Background



This preview shows how black text looks on a background with the HunterLab color 16.8520, -5.1742, 4.4213.

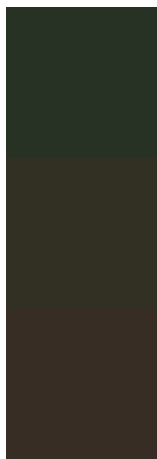


This preview shows how white text looks on a background with the HunterLab color 16.8520, -5.1742, 4.4213.

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

16.8520, -5.1742, 4.4213

Protanopia

16.8300, -1.5026, 4.7425

Deuteranopia

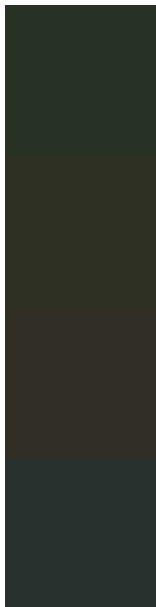
16.8005, 0.8568, 4.1906



Tritanopia

16.8940, -1.7591, -1.0226

Trichromacy



Original Color

16.8520, -5.1742, 4.4213

Protanomaly

16.7812, -2.9128, 4.6715

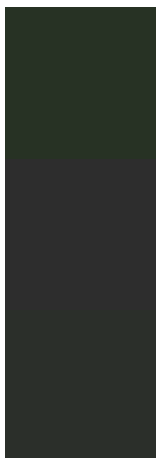
Deuteranomaly

16.7916, -1.5650, 4.1394

Tritanomaly

16.9272, -3.1974, 1.3210

Monochromacy



Original Color

16.8520, -5.1742, 4.4213

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.4736, -2.4909, 2.2236

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8520, -5.1742, 4.4213 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(39, 50, 36)` looks like.

```
.text, #text, p{  
    color:rgb(39, 50, 36)  
}
```

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(39, 50, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 50, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8520, -5.1742, 4.4213 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(39, 50, 36) }
```


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

```
.border{ border-color:rgb(39, 50, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 50, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 50, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 50, 36);  
box-shadow:4px 4px 4px 4px rgb(39, 50, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8520, -5.1742, 4.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 50, 36) }
```

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

```
.background{ background-color: rgb(39, 50,  
36) }
```

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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