

Converting Colors

HunterLab(12.4556, -2.3393,
1.0275)

Have a look what the booklet for
HunterLab(12.4556, -2.3393, 1.0275)
contains.

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Color

**HunterLab(12.5202, -2.4006,
1.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2320
RGB	29, 35, 32
RGB Percent	11%, 14%, 13%
CMY	0.8863, 0.8627, 0.8745
CMYK	0.17, 0.00, 0.09, 0.86
HSL	150°, 9%, 13%
HSV	150°, 17%, 14%
XYZ	1.3684, 1.5676, 1.5969
YIQ	32.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

Format	Color
R_{YB}	29, 33, 35
Decimal	1909536
CIE Lab	13.03, -3.50, 1.10
CIE LCh	13, 3.667, 162.570
Yxy	1.5676, 0.3019, 0.3458
Android (android.graphics.Color)	4280099616 (0xFF1D2320)
YUV	32.8640, -0.4260, -3.3887
Hunter-Lab	12.5202, -2.4006, 1.2018

Details

The HunterLab color **12.5202, -2.4006, 1.2018** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.5775, 1.2206, 0.1569**, and the grayscale version is **12.2916, -0.6558, 0.6678**.

A 20% lighter version of the original color is **27.4413, -3.4764, 2.0752**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2891, -3.3212, 1.5073**, and if you desaturate by 10%, it is **12.7723, -1.4228, 0.9075**.

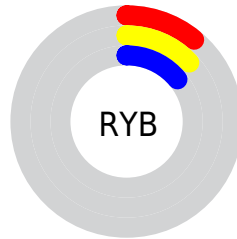
Distribution



Red (11%)

Green (14%)

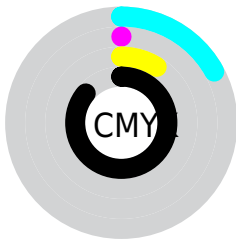
Blue (13%)



Red (11%)

Yellow (13%)

Blue (14%)

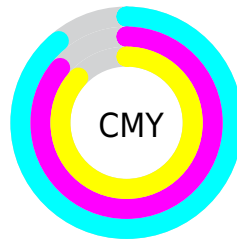


Cyan (17%)

Magenta (0%)

Yellow (9%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5202, -2.4006, 1.2018 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 12.5202, -2.4006, 1.2018 by changing the saturation by 10% instead.

■ 12.5202, -2.4006,
1.2018

■ 12.5202, -2.4006,
1.2018

103.9457, -9.1345,
6.7296

■ 5.7933, -2.9406,
1.1012

■ 27.4807, -3.7448,
2.1783

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3028, -4.4445,
2.7266

0.0000, NaN, NaN

■ 45.9077, -5.1668,
3.3118

0.0000, NaN, NaN

■ 56.2360, -5.9128,
3.9319

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2403, -6.6827,
4.5851

0.0000, NaN, NaN

■ 78.8813, -7.4765,

0.0000, NaN, NaN

5.2701

■ 91.1259, -8.2938,
5.9853

■ 12.5202, -2.4006,
1.2018

■ 12.5202, -2.4006,
1.2018

■ 12.2891, -3.3212,
1.5073

■ 12.7723, -1.4228,
0.9075

■ 12.0787, -4.1788,
1.8219

■ 13.0443, -0.3924,
0.6250

■ 11.8893, -4.9686,
2.1439

■ 13.3358, 0.6848,
0.3557

■ 11.7212, -5.6865,
2.4711

■ 13.6463, 1.8036,
0.1002

■ 11.5741, -6.3291,
2.8014

■ 13.9751, 2.9589,
-0.1409

■ 11.4444, -6.9071,
3.1289

■ 14.3215, 4.1460,
-0.3675

■ 11.3171, -7.4800,
3.4367

■ 14.6847, 5.3606,
-0.5793

■ 11.1903, -8.0545,
3.7230

■ 15.0642, 6.5986,
-0.7765

■ 11.1542, -8.2190,
3.8007

■ 15.4591, 7.8565,
-0.9592

Harmonies

Analogous

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



12.5205, -1.9070, 1.9203



12.5202, -2.4006, 1.2018



12.5205, -2.4395, 0.2888

Triad

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



12.5205, -2.4008, 1.2020



12.5205, -0.2598, -1.1790



12.5205, 0.7362, 1.8245

Complementary

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



12.5202, -2.4006, 1.2018



11.5775, 1.2206, 0.1569

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.



12.5205, 1.2063, 1.0620



12.5202, -2.4006, 1.2018



12.5205, 0.6196, -0.6984

Square

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



12.5205, -2.4008, 1.2020



12.5205, -1.2231, -1.1343



12.5205, 1.1630, 0.1377



12.5205, -0.1045, 2.2605

Rectangle

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



12.5202, -2.4006, 1.2018



12.5205, -2.2037, -0.3129



12.5205, 1.1630, 0.1377



12.5205, 0.9440, 1.6005

Sweetspot

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



12.5205, -2.4008, 1.2020



16.3111, -1.5817, 1.0895



12.6472, -2.0680, 2.3075



9.1406, -0.8754, 0.6074



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.5205, -2.4008, 1.2020



15.7690, -3.6952, 1.7371



12.5861, -2.0332, 0.2656



7.6081, -0.8906, 0.5534



24.7651, -18.9490, 9.9513



68.3084, -53.2943, 29.6675

Inverse Universe

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



11.5775, 1.2206, 0.1569



14.2014, 2.3307, 0.0022



11.5122, 0.8721, 1.0888



7.3485, 0.1055, 0.2652



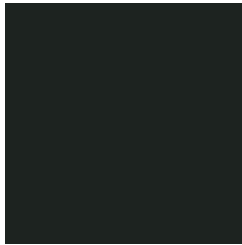
13.9094, 24.9616, 0.1407



38.1850, 68.0408, 4.1493

Previews

White Background



This preview shows how the HunterLab color 12.5202, -2.4006, 1.2018 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

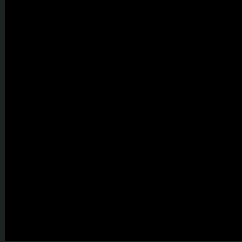
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

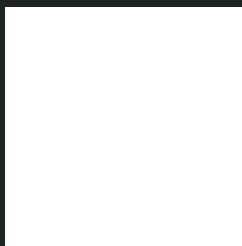
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.5202, -2.4006, 1.2018 Background



This preview shows how black text looks on a background with the HunterLab color 12.5202, -2.4006, 1.2018.

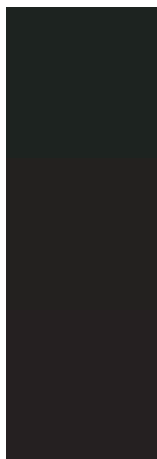


This preview shows how white text looks on a background with the HunterLab color 12.5202, -2.4006, 1.2018.

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

12.5202, -2.4006, 1.2018

Protanopia

12.4256, -0.4220, 1.4637

Deuteranopia

12.3941, 0.6906, 0.7663



Tritanopia

12.4645, -1.1715, -0.6654

Trichromacy



Original Color

12.5202, -2.4006, 1.2018

Protanomaly

12.5153, -1.2702, 1.5484

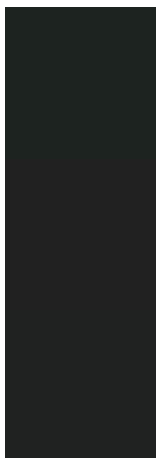
Deuteranomaly

12.4000, -0.4231, 0.7537

Tritanomaly

12.4154, -1.4432, 0.0315

Monochromacy



Original Color

12.5202, -2.4006, 1.2018

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4937, -1.2591, 0.8484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5202, -2.4006, 1.2018 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(29, 35, 32)` looks like.

```
.text, #text, p{  
    color:rgb(29, 35, 32)  
}
```

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(29, 35, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 35, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5202, -2.4006, 1.2018 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(29, 35, 32) }
```


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

```
.border{ border-color:rgb(29, 35, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 35, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 35, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 35, 32);  
box-shadow:4px 4px 4px 4px rgb(29, 35, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5202, -2.4006, 1.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 35, 32) }
```

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

```
.background{ background-color: rgb(29, 35,  
32) }
```

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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