

Converting Colors

HunterLab(12.5754, -2.4166,
2.1105)

Have a look what the booklet for
HunterLab(12.5754, -2.4166, 2.1105)
contains.

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Color

**HunterLab(12.5172, -2.5362,
2.1627)**

Conversions

Conversions Part 1	
Format	Color
Hex	1E231D
RGB	30, 35, 29
RGB Percent	12%, 14%, 11%
CMY	0.8824, 0.8627, 0.8863
CMYK	0.14, 0.00, 0.17, 0.86
HSL	110°, 9%, 13%
HSV	110°, 17%, 14%
XYZ	1.3582, 1.5668, 1.3932
YIQ	32.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

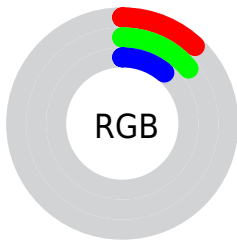
Format	Color
RYB	29, 35, 34
Decimal	1975069
CIELab	13.03, -3.78, 3.27
CIELCh	13, 4.997, 139.173
Yxy	1.5669, 0.3145, 0.3628
Android (android.graphics.Color)	4280165149 (0xFF1E231D)
YUV	32.8210, -1.8838, -2.4740
Hunter-Lab	12.5172, -2.5362, 2.1627

Details

The HunterLab color **12.5172, -2.5362, 2.1627** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.5768, 1.3656, -0.9867**, and the grayscale version is **12.2822, -0.6553, 0.6673**.

A 20% lighter version of the original color is **27.4148, -3.7673, 3.5676**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2827, -3.5297, 2.9294**, and if you desaturate by 10%, it is **12.7716, -1.4809, 1.3332**.

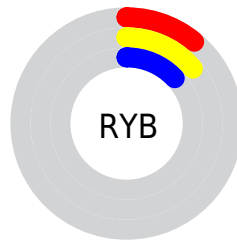
Distribution



Red (12%)

Green (14%)

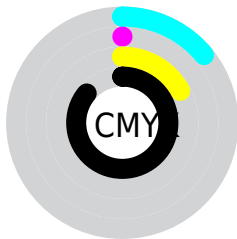
Blue (11%)



Red (11%)

Yellow (14%)

Blue (13%)

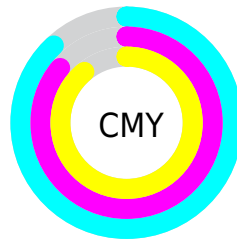


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (86%)



Cyan (88%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5172, -2.5362, 2.1627 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 12.5172, -2.5362, 2.1627 by changing the saturation by 10% instead.

12.5172, -2.5362,
2.1627

12.5172, -2.5362,
2.1627

103.9397, -9.4220,
8.8116

5.7889, -3.1556,
2.6545

27.4768, -3.9255,
3.4739

0.0000, NaN, NaN

0.0000, NaN, NaN

36.2985, -4.6439,
4.1609

0.0000, NaN, NaN

45.9031, -5.3835,
4.8727

0.0000, NaN, NaN

0.0000, NaN, NaN

56.2311, -6.1453,
5.6100

0.0000, NaN, NaN


67.2350, -6.9301,
6.3728


0.0000, NaN, NaN


78.8758, -7.7379,


0.0000, NaN, NaN


7.1609


 91.1201, -8.5686,
7.9740


 12.5172, -2.5362,
2.1627

 12.5172, -2.5362,
2.1627

 12.2827, -3.5297,
2.9294


 12.7716, -1.4809,
1.3332

 12.0677, -4.4552,
3.6287


 13.0446, -0.3687,
0.4451


 11.8728, -5.3076,
4.2570

 13.3359, 0.7945,
-0.4970

 11.6981, -6.0824,
4.8113

 13.6449, 2.0032,
-1.4884

 11.5436, -6.7756,
5.2893

 13.9710, 3.2522,
-2.5245

■ 11.4082, -7.3910,
5.7064

■ 14.3135, 4.5366,
-3.6009

■ 11.2864, -7.9582,
6.1365

■ 14.6718, 5.8519,
-4.7135

■ 11.1684, -8.5172,
6.5804

■ 15.0452, 7.1938,
-5.8585

■ 11.1345, -8.6792,
6.7091

■ 15.4330, 8.5588,
-7.0323

Harmonies

Analogous

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



12.5175, -1.4934, 2.7589



12.5172, -2.5362, 2.1627



12.5175, -3.0712, 1.1276

Triad

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



12.5175, -2.5365, 2.1629



12.5175, -1.1430, -1.9370



12.5175, 1.8267, 1.4506

Complementary

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



12.5172, -2.5362, 2.1627



11.5768, 1.3656, -0.9867

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.



12.5175, 1.9301, 0.2181



12.5172, -2.5362, 2.1627



12.5175, 0.1782, -1.8274

Square

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



12.5175, -2.5365, 2.1629



12.5175, -2.2891, -1.2922



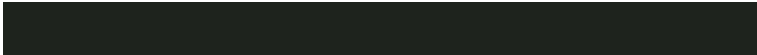
12.5175, 1.3157, -1.0068



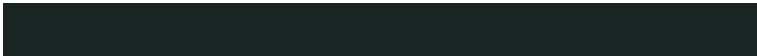
12.5175, 1.0389, 2.3781

Rectangle

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



12.5172, -2.5362, 2.1627



12.5175, -3.0829, 0.2893



12.5175, 1.3157, -1.0068



12.5175, 1.9439, 1.0611

Sweetspot

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



12.5175, -2.5365, 2.1629



16.3103, -1.6375, 1.5005



12.6102, -1.0189, 2.2871



9.1402, -0.9058, 0.8314



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.



12.5175, -2.5365, 2.1629



15.7630, -3.9183, 3.2876



12.4991, -2.5212, 1.5084



7.6075, -0.9286, 0.8311



24.6264, -20.1761, 14.8215



67.8267, -56.8179, 40.7998

Inverse Universe

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



11.5768, 1.3656, -0.9867



14.1989, 2.5747, -1.9557



11.6013, 1.3472, -0.1815



7.3486, 0.1446, -0.0347



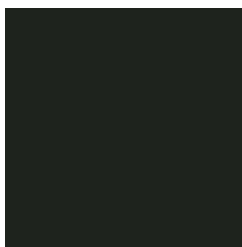
13.5359, 27.6362, -25.7926



36.9281, 75.7196, -72.8731

Previews

White Background



This preview shows how the HunterLab color 12.5172, -2.5362, 2.1627 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



This preview shows how the HunterLab color 12.5172, -2.5362, 2.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

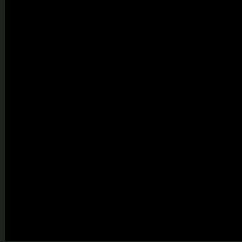
Any Text WCAG AA × Fail

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 12.5172, -2.5362, 2.1627 Background



This preview shows how black text looks on a background with the HunterLab color 12.5172, -2.5362, 2.1627.

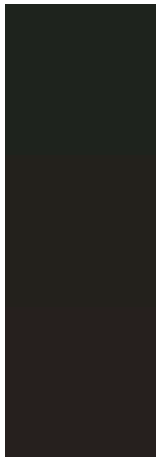


This preview shows how white text looks on a background with the HunterLab color 12.5172, -2.5362, 2.1627.

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

12.5172, -2.5362, 2.1627

Protanopia

12.3648, -0.7551, 2.3380

Deuteranopia

12.4050, 0.5976, 1.7837



Tritanopia

12.5257, -0.9568, -0.5833

Trichromacy



Original Color

12.5172, -2.5362, 2.1627

Protanomaly

12.4548, -1.6049, 2.4167

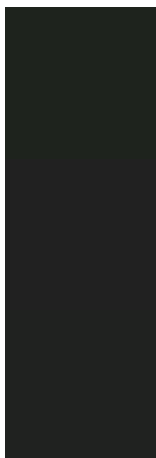
Deuteranomaly

12.4047, -0.5363, 1.7636

Tritanomaly

12.4533, -1.3561, 0.4448

Monochromacy



Original Color

12.5172, -2.5362, 2.1627

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4716, -1.3814, 1.1645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5172, -2.5362, 2.1627 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(30, 35, 29)` looks like.

```
.text, #text, p{  
    color:rgb(30, 35, 29)  
}
```

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(30, 35, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 35, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5172, -2.5362, 2.1627 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(30, 35, 29) }
```


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

```
.border{ border-color:rgb(30, 35, 29) }
```

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

Here you see how a box with a 4 pixel rgb(30, 35, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 35, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 35, 29);  
box-shadow:4px 4px 4px 4px rgb(30, 35, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5172, -2.5362, 2.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 35, 29) }
```

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

```
.background{ background-color: rgb(30, 35,  
29) }
```

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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