

Converting Colors

HunterLab(12.8379, 0.4362,
-6.2295)

Have a look what the booklet for
HunterLab(12.8379, 0.4362, -6.2295)
contains.

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Color

**HunterLab(12.7327, 0.5216,
-6.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2232
RGB	28, 34, 50
RGB Percent	11%, 13%, 20%
CMY	0.8902, 0.8667, 0.8039
CMYK	0.44, 0.32, 0.00, 0.80
HSL	224°, 28%, 15%
HSV	224°, 44%, 20%
XYZ	1.6266, 1.6212, 3.2448
YIQ	34.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

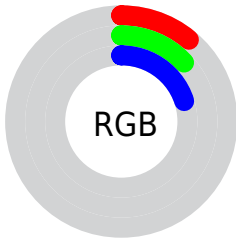
Format	Color
R_{YB}	28, 33, 50
Decimal	1843762
CIE Lab	13.36, 2.30, -11.39
CIE LCh	13, 11.619, 281.438
Yxy	1.6213, 0.2505, 0.2497
Android (android.graphics.Color)	4280033842 (0xFF1C2232)
YUV	34.0300, 7.8732, -5.2883
Hunter-Lab	12.7327, 0.5216, -6.1966

Details

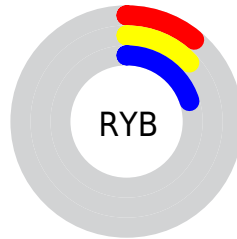
The HunterLab color **12.7327, 0.5216, -6.1966** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.0105, -0.9741, 5.7800**, and the grayscale version is **12.6352, -0.6742, 0.6865**.

A 20% lighter version of the original color is **27.6966, -0.0800, -6.6245**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6600, 1.0677, -8.1409**, and if you desaturate by 10%, it is **13.8448, 0.0688, -4.3907**.

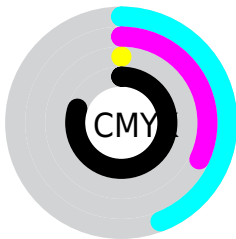
Distribution



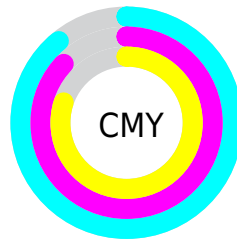
- Red (11%)
- Green (13%)
- Blue (20%)



- Red (11%)
- Yellow (13%)
- Blue (20%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7327, 0.5216, -6.1966 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 12.7327, 0.5216, -6.1966 by changing the saturation by 10% instead.

■ 12.7327, 0.5216,
-6.1966

■ 12.7327, 0.5216,
-6.1966

104.3751, -3.1849,
-6.1349

■ 6.0982, 1.3207,
-7.6022

■ 27.7565, 0.0641,
-6.6879

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6054, -0.2622,
-6.8062

0.0000, NaN, NaN

■ 46.2348, -0.6418,
-6.8481

0.0000, NaN, NaN

■ 56.5860, -1.0692,
-6.8211

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6117, -1.5403,
-6.7314

0.0000, NaN, NaN

■ 79.2729, -2.0516,

0.0000, NaN, NaN

-6.5843

91.5368, -2.6006,
-6.3842

12.7327, 0.5216,
-6.1966

12.7327, 0.5216,
-6.1966

11.6600, 1.0677,
-8.1409

13.8448, 0.0688,
-4.3907

10.6318, 1.7249,
-10.2469

14.9908, -0.3055,
-2.7032

9.6556, 2.5126,
-12.5361

16.1673, -0.6136,
-1.1151

8.7363, 3.4381,
-15.0362

17.3711, -0.8658,
0.3892

7.8415, 4.3949,
-17.9076

18.5998, -1.0705,
1.8231

■ 7.3122, 4.9732,
-19.8753

■ 19.8512, -1.2346,
3.1977

■ 21.1235, -1.3636,
4.5223

■ 22.4153, -1.4624,
5.8047

■ 23.7252, -1.5347,
7.0513

Harmonies

Analogous

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



12.7329, -2.5193, -5.9248



12.7327, 0.5216, -6.1966



12.7329, 3.5019, -4.3222

Triad

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



12.7329, 0.5215, -6.1963



12.7329, 4.0946, 3.8988



12.7329, -5.8440, 2.3664

Complementary

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



12.7327, 0.5216, -6.1966



16.0105, -0.9741, 5.7800

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.



12.7329, -4.3835, 4.2481



12.7327, 0.5216, -6.1966



12.7329, 1.2699, 5.0004

Square

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



12.7329, 0.5215, -6.1963



12.7329, 5.6924, 1.7652



12.7329, -1.8387, 5.1220



12.7329, -6.0029, -0.4813

Rectangle

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



12.7327, 0.5216, -6.1966



12.7329, 4.9786, -2.3209



12.7329, -1.8387, 5.1220



12.7329, -5.4960, 3.1131

Sweetspot

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



12.7329, 0.5215, -6.1963



20.4717, -0.7873, -1.3394



16.4567, -6.3489, 1.5268



11.1736, -0.4176, -0.8156



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.



12.7329, 0.5215, -6.1963



14.5103, 1.4735, -10.7003



11.7488, 3.9122, -7.9204



9.4482, -0.4286, -0.1361



11.8022, 11.8244, -40.2771



28.5246, 38.0772, -117.8510

Inverse Universe

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



12.7443, 5.9822, 0.9167



14.6831, 9.9315, 1.4084



17.1122, -4.4659, 6.6597



9.4254, 0.1703, 0.4958



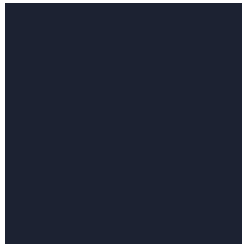
14.8446, 25.8757, 6.0738



38.7690, 67.2107, 18.7142

Previews

White Background



This preview shows how the HunterLab color 12.7327, 0.5216, -6.1966 looks on a white background.

Color Contrast Check

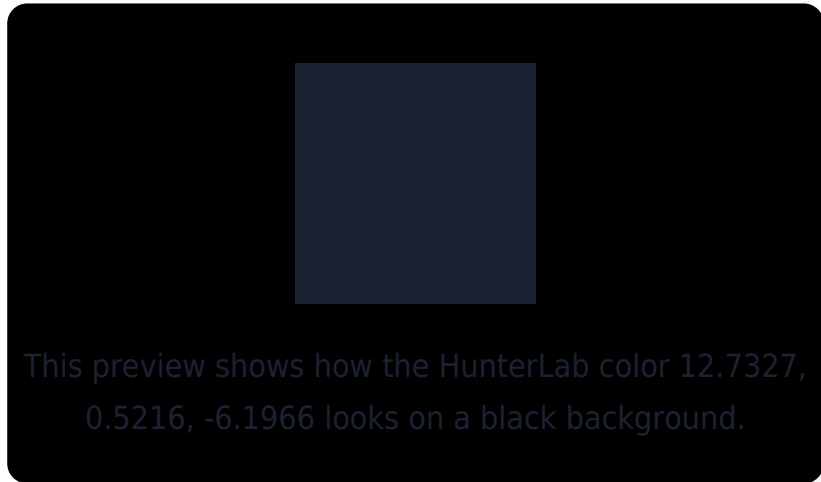
Large Text (above 18pt) WCAG AA ✓ Pass

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

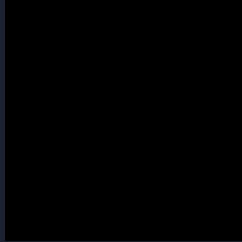
Any Text WCAG AA × Fail

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 12.7327, 0.5216, -6.1966 Background



This preview shows how black text looks on a background with the HunterLab color 12.7327, 0.5216, -6.1966.



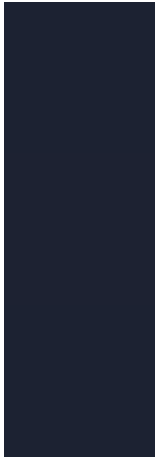
This preview shows how white text looks on a background with the HunterLab color 12.7327, 0.5216, -6.1966.

-6.1966.

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

12.7327, 0.5216, -6.1966

Protanopia

12.7889, 0.7113, -6.0969

Deuteranopia

12.7327, 0.5216, -6.1966



Tritanopia

12.7079, -2.6022, -1.1704

Trichromacy



Original Color

12.7327, 0.5216, -6.1966

Protanomaly

12.7889, 0.7113, -6.0969

Deuteranomaly

12.7327, 0.5216, -6.1966

Tritanomaly

12.6337, -1.4372, -2.9662

Monochromacy



Original Color

12.7327, 0.5216, -6.1966

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6662, -0.3126, -1.5975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7327, 0.5216, -6.1966 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(28, 34, 50)` looks like.

```
.text, #text, p{  
    color:rgb(28, 34, 50)  
}
```

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(28, 34, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 34, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7327, 0.5216, -6.1966 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(28, 34, 50) }
```


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

```
.border{ border-color:rgb(28, 34, 50) }
```

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

Here you see how a box with a 4 pixel rgb(28, 34, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 34, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 34, 50);  
box-shadow:4px 4px 4px 4px rgb(28, 34, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7327, 0.5216, -6.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 34, 50) }
```

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

```
.background{ background-color: rgb(28, 34,  
50) }
```

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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