

Converting Colors

HunterLab(12.0181, 17.1912,
-37.8408)

Have a look what the booklet for
HunterLab(12.0181, 17.1912,
-37.8408) contains.

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Color

**HunterLab(12.0178, 17.1919,
-37.8426)**

Conversions

Conversions Part 1

Format	Color
Hex	201258
RGB	32, 18, 88
RGB Percent	13%, 7%, 35%
CMY	0.8745, 0.9294, 0.6549
CMYK	0.64, 0.80, 0.00, 0.65
HSL	252°, 66%, 21%
HSV	252°, 80%, 35%
XYZ	2.5734, 1.4443, 9.3757
YIQ	30.1660, -14.1260, 24.7380

Conversions

Conversions Part 2

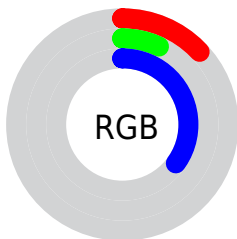
Format	Color
RYB	32, 18, 88
Decimal	2101848
CIELab	12.25, 28.38, -39.61
CIELCh	12, 48.726, 305.616
Yxy	1.4443, 0.1921, 0.1078
Android (android.graphics.Color)	4280291928 (0xFF201258)
YUV	30.1660, 28.5122, 1.6084
Hunter-Lab	12.0178, 17.1919, -37.8426




Details

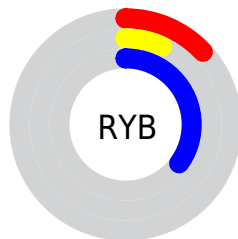
The HunterLab color **12.0178, 17.1919, -37.8426** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **29.1185, -11.5853, 16.5747**, and the grayscale version is **11.3635, -0.6063, 0.6174**.




A 20% lighter version of the original color is **26.8219, 19.8712, -37.1186**, and **4.7457, 7.9738, -23.1449** is the 20% darker color. If you saturate the color by 10%, you get **10.5380, 19.8621, -45.1040**, and if you desaturate by 10%, it is **13.8256, 14.3717, -30.8225**.

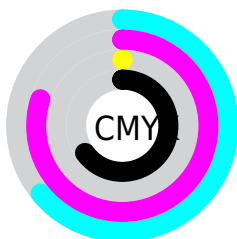
Distribution







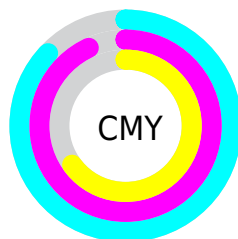
-  Red (13%)
-  Green (7%)
-  Blue (35%)






-  Red (13%)
-  Yellow (7%)
-  Blue (35%)



-  Cyan (64%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (87%)
-  Magenta (93%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0178, 17.1919, -37.8426 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 12.0178, 17.1919, -37.8426 by changing the saturation by 10% instead.

■ 12.0178, 17.1919,
-37.8426

■ 12.0178, 17.1919,
-37.8426

■ 102.9229, 25.3206,
-41.1367

■ 4.9904, 24.6206,
-54.5676

■ 26.8258, 19.8538,
-36.9267

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 35.5837, 20.9688,
-37.3741

0.0000, NaN, NaN

■ 45.1297, 21.9518,
-37.9807

0.0000, NaN, NaN

■ 55.4033, 22.8168,
-38.6427

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3562, 23.5764,
-39.3098

0.0000, NaN, NaN

■ 77.9487, 24.2412,

0.0000, NaN, NaN

-39.9560

90.1472, 24.8201,
-40.5673

12.0178, 17.1919,
-37.8426

12.0178, 17.1919,
-37.8426

10.5380, 19.8621,
-45.1040

13.8256, 14.3717,
-30.8225

9.1713, 23.1453,
-53.6298

15.8902, 11.6290,
-24.4538

9.1071, 23.3326,
-54.0864

18.1551, 9.0482,
-18.8059

20.5785, 6.6377,
-13.8040

23.1305, 4.3780,
-9.3361

■ 25.7896, 2.2422,
-5.2949

■ 28.5398, 0.2052,
-1.5905

■ 31.3691, -1.7544,
1.8485

■ 34.2683, -3.6540,
5.0781

Harmonies

Analogous

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



12.0179, 1.8487, -53.2464



12.0178, 17.1919, -37.8426



12.0179, 30.7648, -13.4756

Triad

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



12.0179, 17.1925, -37.8422



12.0179, 11.2248, 8.4126



12.0179, -19.4695, -1.8550

Complementary

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



12.0178, 17.1919, -37.8426



29.1185, -11.5853, 16.5747

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.



12.0179, -17.9784, 8.0664



12.0178, 17.1919, -37.8426



12.0179, -2.9448, 8.4126

Square

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



12.0179, 17.1925, -37.8422



12.0179, 26.4317, 8.4126



12.0179, -12.1757, 8.4126



12.0179, -16.2494, -22.3399

Rectangle

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



12.0178, 17.1919, -37.8426



12.0179, 34.7967, -1.2651



12.0179, -12.1757, 8.4126



12.0179, -19.5026, 2.3013

Sweetspot

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



12.0179, 17.1925, -37.8422



32.2413, 4.4290, -9.7440



23.9390, -8.6397, -8.2666



15.8166, 2.5641, -5.5416



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



12.0179, 17.1925, -37.8422



12.6377, 28.8583, -67.4489



15.2659, 23.4757, -26.0399



14.4145, 0.0244, -0.6572



11.0804, 28.5745, -67.2502



25.6471, 67.2180, -164.0181

Inverse Universe

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



17.3254, 26.1065, -11.0360



21.3114, 38.6980, -14.9645



27.3029, -18.7811, 15.2525



14.6419, 0.7534, -0.0191



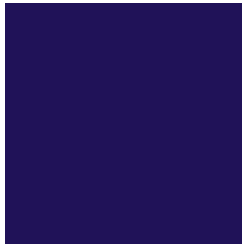
19.4902, 36.7979, -13.9203



46.0551, 86.7234, -31.1119

Previews

White Background



This preview shows how the HunterLab color 12.0178, 17.1919, -37.8426 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 12.0178, 17.1919, -37.8426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

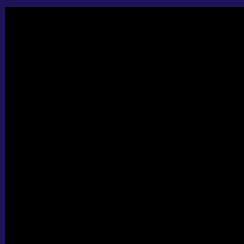
Any Text WCAG AA × Fail

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 12.0178, 17.1919, -37.8426 Background



This preview shows how black text looks on a background with the HunterLab color 12.0178, 17.1919, -37.8426.



This preview shows how white text looks on a background with the HunterLab color 12.0178, 17.1919, -37.8426.

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

12.0178, 17.1919, -37.8426

Protanopia

12.0432, 2.0448, -19.4670

Deuteranopia

12.0397, -1.2657, -12.3162



Tritanopia

12.1505, -5.9177, -2.4124

Trichromacy



Original Color

12.0178, 17.1919, -37.8426

Protanomaly

11.7048, 7.1735, -26.3806

Deuteranomaly

11.5687, 5.0756, -21.6378

Tritanomaly

11.4110, 1.2174, -13.0598

Monochromacy



Original Color

12.0178, 17.1919, -37.8426

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.2655, 4.5599, -9.4619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0178, 17.1919, -37.8426 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(32, 18, 88)` looks like.

```
.text, #text, p{  
    color:rgb(32, 18, 88)  
}
```

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(32, 18, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 18, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0178, 17.1919, -37.8426 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(32, 18, 88) }
```


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

```
.border{ border-color:rgb(32, 18, 88) }
```

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

Here you see how a box with a 4 pixel rgb(32, 18, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 18, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 18, 88);  
box-shadow:4px 4px 4px 4px rgb(32, 18, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0178, 17.1919, -37.8426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 18, 88) }
```

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

```
.background{ background-color: rgb(32, 18,  
88) }
```

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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