

Converting Colors

HunterLab(12.8746, 11.9832,
-5.3103)

Have a look what the booklet for
HunterLab(12.8746, 11.9832,
-5.3103) contains.

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Color

**HunterLab(12.7919, 12.1113,
-5.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	381631
RGB	56, 22, 49
RGB Percent	22%, 9%, 19%
CMY	0.7804, 0.9137, 0.8078
CMYK	0.00, 0.61, 0.13, 0.78
HSL	312°, 44%, 15%
HSV	312°, 61%, 22%
XYZ	2.4722, 1.6363, 3.0913
YIQ	35.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

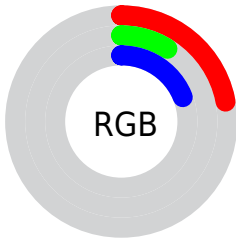
Format	Color
R_{YB}	56, 22, 49
Decimal	3675697
CIE _{Lab}	13.45, 21.20, -10.24
CIE _{LCh}	13, 23.546, 334.230
Yxy	1.6364, 0.3434, 0.2273
Android (android.graphics.Color)	4281865777 (0xFF381631)
YUV	35.2440, 6.7817, 18.2030
Hunter-Lab	12.7919, 12.1113, -5.3736

Details

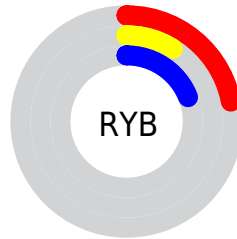
The HunterLab color **12.7919, 12.1113, -5.3736** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.5718, -10.7703, 6.7166**, and the grayscale version is **13.0187, -0.6946, 0.7073**.

A 20% lighter version of the original color is **27.8991, 13.7601, -5.5758**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9812, 14.0819, -6.1267**, and if you desaturate by 10%, it is **13.7263, 9.9954, -4.4762**.

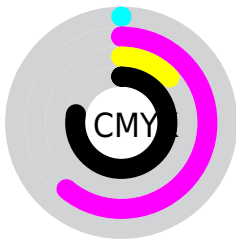
Distribution



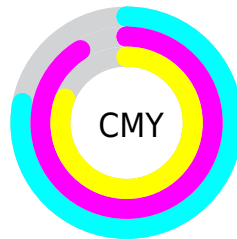
- Red (22%)
- Green (9%)
- Blue (19%)



- Red (22%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (13%)
- Black (78%)



- Cyan (78%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7919, 12.1113, -5.3736 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 12.7919, 12.1113, -5.3736 by changing the saturation by 10% instead.

■ 12.7919, 12.1113,
-5.3736

■ 12.7919, 12.1113,
-5.3736

■ 104.4945, 17.2371,
-4.8797

■ 6.1803, 14.6377,
-6.6242

■ 27.8333, 14.0551,
-5.7655

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6896, 14.8070,
-5.8319

0.0000, NaN, NaN

■ 46.3258, 15.4385,
-5.8231

0.0000, NaN, NaN

■ 56.6833, 15.9652,
-5.7469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7150, 16.3995,
-5.6097

0.0000, NaN, NaN

■ 79.3819, 16.7512,

0.0000, NaN, NaN

-5.4166

91.6511, 17.0283,
-5.1721

12.7919, 12.1113,
-5.3736

12.7919, 12.1113,
-5.3736

11.9812, 14.0819,
-6.1267

13.7263, 9.9954,
-4.4762

11.3064, 15.8184,
-6.6896

14.7697, 7.8076,
-3.4775

10.7114, 17.4421,
-7.1405

15.9089, 5.5975,
-2.4100

10.1300, 19.1781,
-7.6416

17.1317, 3.3970,
-1.2980

18.4275, 1.2246,
-0.1583

■ 19.7874, -0.9107,
0.9978

■ 21.2037, -3.0059,
2.1631

■ 22.6702, -5.0615,
3.3330

■ 24.1813, -7.0799,
4.5050

Harmonies

Analogous

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



12.7922, 6.8438, -12.9096



12.7919, 12.1113, -5.3736



12.7922, 13.7264, 1.5150

Triad

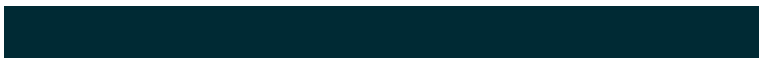
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.7922, 12.1107, -5.3732



12.7922, -1.5619, 8.9545



12.7922, -9.2154, -7.5986

Complementary

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



12.7919, 12.1113, -5.3736



17.5718, -10.7703, 6.7166

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.



12.7922, -10.6369, -0.1804



12.7919, 12.1113, -5.3736



12.7922, -6.7926, 7.7484

Square

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



12.7922, 12.1107, -5.3732



12.7922, 5.0023, 8.3112



12.7922, -9.8437, 4.7573



12.7922, -5.5219, -14.5718

Rectangle

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



12.7919, 12.1113, -5.3736



12.7922, 12.2979, 4.5714



12.7922, -9.8437, 4.7573



12.7922, -9.9386, -4.9729

Sweetspot

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



12.7922, 12.1107, -5.3732



22.8267, 3.9521, -1.4405



10.5723, 6.8554, -14.3474



12.1145, 2.3022, -0.8676



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.7922, 12.1107, -5.3732



15.1988, 19.9374, -8.5362



12.3290, 10.0055, 1.1315



10.1720, 0.3874, 0.0625



16.5672, 31.2672, -11.7391



42.6244, 80.1783, -28.1371

Inverse Universe

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



12.7922, 12.1107, -5.3732



15.1988, 19.9374, -8.5362



17.8736, -8.9651, 2.3507



10.1720, 0.3874, 0.0625



16.5672, 31.2672, -11.7391



42.6244, 80.1783, -28.1371

Previews

White Background



This preview shows how the HunterLab color 12.7919, 12.1113, -5.3736 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

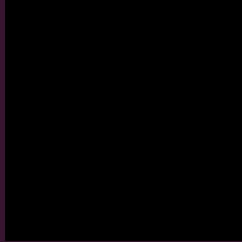
Any Text WCAG AA × Fail

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 12.7919, 12.1113, -5.3736 Background



This preview shows how black text looks on a background with the HunterLab color 12.7919, 12.1113, -5.3736.



This preview shows how white text looks on a background with the HunterLab color 12.7919, 12.1113, -5.3736.

-5.3736.

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

12.7919, 12.1113, -5.3736

Protanopia

13.1320, 1.3683, -10.5654

Deuteranopia

13.1554, 0.6055, -4.0037



Tritanopia

12.8718, 7.0817, 2.7013

Trichromacy



Original Color

12.7919, 12.1113, -5.3736

Protanomaly

12.5676, 4.7287, -9.2248

Deuteranomaly

12.7018, 4.6445, -5.1446

Tritanomaly

12.7862, 8.9181, 0.2954

Monochromacy



Original Color

12.7919, 12.1113, -5.3736

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6307, 3.9497, -1.5713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7919, 12.1113, -5.3736 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(56, 22, 49)` looks like.

```
.text, #text, p{  
    color:rgb(56, 22, 49)  
}
```

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(56, 22, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 22, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7919, 12.1113, -5.3736 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(56, 22, 49) }
```


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

```
.border{ border-color:rgb(56, 22, 49) }
```

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

Here you see how a box with a 4 pixel rgb(56, 22, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 22, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 22, 49);  
box-shadow:4px 4px 4px 4px rgb(56, 22, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7919, 12.1113, -5.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 22, 49) }
```

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

```
.background{ background-color: rgb(56, 22,  
49) }
```

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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