

Converting Colors

HunterLab(12.3696, -7.1047,
5.6388)

Have a look what the booklet for
HunterLab(12.3696, -7.1047, 5.6388)
contains.

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Color

**HunterLab(12.4253, -7.1599,
5.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	12260D
RGB	18, 38, 13
RGB Percent	7%, 15%, 5%
CMY	0.9294, 0.8510, 0.9490
CMYK	0.53, 0.00, 0.66, 0.85
HSL	108°, 49%, 10%
HSV	108°, 66%, 15%
XYZ	1.0152, 1.5439, 0.6253
YIQ	29.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

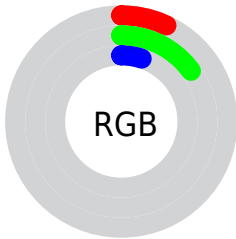
Format	Color
R_{YB}	13, 38, 33
Decimal	1189389
CIE Lab	12.88, -14.39, 13.27
CIE LCh	13, 19.574, 137.312
Yxy	1.5439, 0.3188, 0.4848
Android (android.graphics.Color)	4279379469 (0xFF12260D)
YUV	29.1700, -7.9718, -9.7961
Hunter-Lab	12.4253, -7.1599, 5.7141

Details

The HunterLab color **12.4253, -7.1599, 5.7141** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.6671, 7.9211, -7.0654**, and the grayscale version is **11.1620, -0.5956, 0.6065**.

A 20% lighter version of the original color is **27.3206, -10.3638, 8.5340**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2787, -7.8242, 6.1533**, and if you desaturate by 10%, it is **12.5937, -6.4069, 5.1896**.

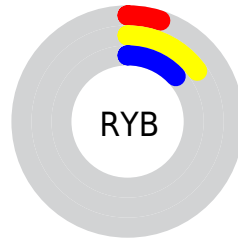
Distribution



Red (7%)

Green (15%)

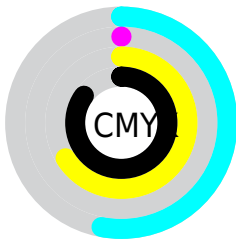
Blue (5%)



Red (5%)

Yellow (15%)

Blue (13%)

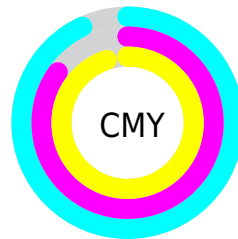


Cyan (53%)

Magenta (0%)

Yellow (66%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4253, -7.1599, 5.7141 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 12.4253, -7.1599, 5.7141 by changing the saturation by 10% instead.

■ 12.4253, -7.1599,
5.7141

■ 12.4253, -7.1599,
5.7141

■ 103.7534,
-19.9563, 17.8333

■ 5.6512, -9.8896,
3.9558

■ 27.3573, -10.3346,
8.5870

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1674, -11.7865,
9.9801

0.0000, NaN, NaN

■ 45.7612, -13.1925,
11.3287

0.0000, NaN, NaN

■ 56.0793, -14.5693,
12.6497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0740, -15.9277,
13.9543

0.0000, NaN, NaN

■ 78.7059, -17.2750,

0.0000, NaN, NaN

15.2498

■ 90.9418, -18.6166,
16.5415

■ 12.4253, -7.1599,
5.7141

■ 12.4253, -7.1599,
5.7141

■ 12.2787, -7.8242,
6.1533

■ 12.5937, -6.4069,
5.1896

■ 12.1479, -8.4276,
6.5810

■ 12.7833, -5.5667,
4.5782

■ 12.0295, -8.9871,
7.0287

■ 12.9945, -4.6437,
3.8824

■ 11.9805, -9.2214,
7.2209

■ 13.2270, -3.6429,
3.1053

■ 13.4805, -2.5699,
2.2510

■ 13.7546, -1.4304,
1.3241

■ 14.0486, -0.2305,
0.3296

■ 14.3622, 1.0239,
-0.7275

■ 14.6945, 2.3268,
-1.8419

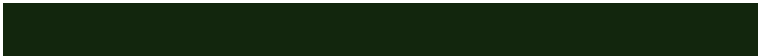
Harmonies

Analogous

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



12.4256, -3.4861, 7.5209



12.4253, -7.1599, 5.7141



12.4256, -8.9520, 2.5796

Triad

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



12.4256, -7.1601, 5.7142



12.4256, -2.7730, -12.5413



12.4256, 10.3247, 3.1746

Complementary

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



12.4253, -7.1599, 5.7141



8.6671, 7.9211, -7.0654

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.



12.4256, 10.6001, -1.5856



12.4253, -7.1599, 5.7141



12.4256, 2.4357, -12.1655

Square

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



12.4256, -7.1601, 5.7142



12.4256, -6.7119, -8.4781



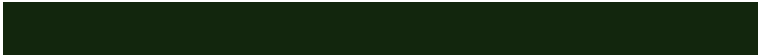
12.4256, 7.5220, -7.5971



12.4256, 6.8217, 6.0867

Rectangle

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



12.4253, -7.1599, 5.7141



12.4256, -9.0677, -0.5887



12.4256, 7.5220, -7.5971



12.4256, 10.8160, 1.8209

Sweetspot

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



12.4256, -7.1601, 5.7142



16.6163, -3.9398, 3.3951



12.3649, -1.1987, 5.7723



9.5932, -2.2717, 1.9578



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.4256, -7.1601, 5.7142



15.1662, -10.3290, 8.0223



12.3457, -7.2924, 4.1879



7.6111, -0.9162, 0.8352



24.6727, -19.9801, 14.8534



67.9252, -56.3984, 40.8678

Inverse Universe

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



8.6671, 7.9211, -7.0654



9.5145, 12.6098, -11.6468



8.9234, 8.0700, -2.7460



7.3448, 0.1315, -0.0397



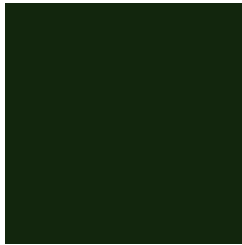
13.1781, 27.1445, -26.9613



35.8544, 74.2544, -76.4640

Previews

White Background



This preview shows how the HunterLab color 12.4253, -7.1599, 5.7141 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

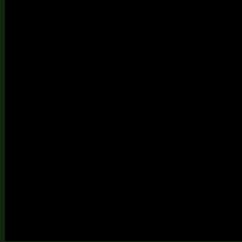
Any Text WCAG AA × Fail

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 12.4253, -7.1599, 5.7141 Background



This preview shows how black text looks on a background with the HunterLab color 12.4253, -7.1599, 5.7141.



This preview shows how white text looks on a background with the HunterLab color 12.4253, -7.1599,

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

12.4253, -7.1599, 5.7141

Protanopia

12.5057, -1.8828, 6.0239

Deuteranopia

12.4054, 0.1213, 5.4863



Tritanopia

12.5851, -3.1022, -0.9383

Trichromacy



Original Color

12.4253, -7.1599, 5.7141

Protanomaly

12.2663, -3.9627, 5.8078

Deuteranomaly

12.2437, -2.7876, 5.4839

Tritanomaly

12.5350, -4.9536, 2.1392

Monochromacy



Original Color

12.4253, -7.1599, 5.7141

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4086, -3.1913, 2.7613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4253, -7.1599, 5.7141 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(18, 38, 13)` looks like.

```
.text, #text, p{  
    color:rgb(18, 38, 13)  
}
```

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(18, 38, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 38, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4253, -7.1599, 5.7141 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(18, 38, 13) }
```


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

```
.border{ border-color:rgb(18, 38, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 38, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 38, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 38, 13);  
box-shadow:4px 4px 4px 4px rgb(18, 38, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4253, -7.1599, 5.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 38, 13) }
```

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

```
.background{ background-color: rgb(18, 38,  
13) }
```

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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