

Converting Colors

HunterLab(12.3841, 16.8457,
-13.8288)

Have a look what the booklet for
HunterLab(12.3841, 16.8457,
-13.8288) contains.

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Color

**HunterLab(12.3701, 16.8976,
-13.9255)**

Conversions

Conversions Part 1

Format	Color
Hex	380F3E
RGB	56, 15, 62
RGB Percent	22%, 6%, 24%
CMY	0.7804, 0.9412, 0.7569
CMYK	0.10, 0.76, 0.00, 0.76
HSL	292°, 61%, 15%
HSV	292°, 76%, 24%
XYZ	2.6712, 1.5302, 4.7120
YIQ	32.6170, 9.3490, 23.3090

Conversions

Conversions Part 2

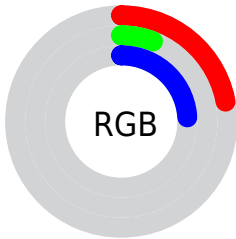
Format	Color
RYB	56, 15, 62
Decimal	3673918
CIELab	12.80, 27.88, -20.56
CIElCh	13, 34.647, 323.592
Yxy	1.5303, 0.2997, 0.1717
Android (android.graphics.Color)	4281863998 (0xFF380F3E)
YUV	32.6170, 14.4858, 20.5069
Hunter-Lab	12.3701, 16.8976, -13.9255

Details

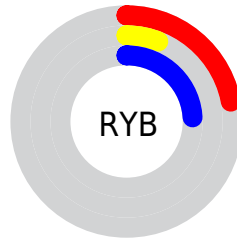
The HunterLab color **12.3701, 16.8976, -13.9255** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.0767, -13.5647, 10.1127**, and the grayscale version is **12.1660, -0.6491, 0.6610**.

A 20% lighter version of the original color is **27.3250, 19.5242, -14.8294**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **11.6491, 18.7196, -15.6901**, and if you desaturate by 10%, it is **13.2489, 14.7660, -11.9726**.

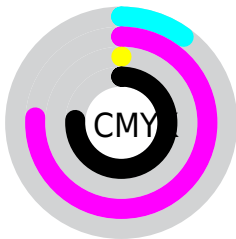
Distribution



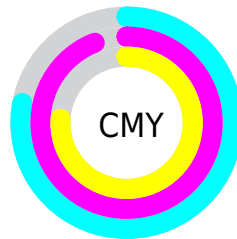
- Red (22%)
- Green (6%)
- Blue (24%)



- Red (22%)
- Yellow (6%)
- Blue (24%)



- Cyan (10%)
- Magenta (76%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3701, 16.8976, -13.9255 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 12.3701, 16.8976, -13.9255 by changing the saturation by 10% instead.

12.3701, 16.8976,
-13.9255

12.3701, 16.8976,
-13.9255

103.6413, 24.7821,
-16.6012

5.5667, 21.7596,
-17.6556

27.2855, 19.5013,
-14.8442

0.0000, NaN, -NF

0.0000, NaN, NaN

36.0886, 20.5861,
-15.2831

0.0000, NaN, NaN

45.6760, 21.5400,
-15.6615

0.0000, NaN, NaN

0.0000, NaN, NaN

55.9881, 22.3773,
-15.9742

0.0000, NaN, NaN

66.9771, 23.1105,
-16.2217

0.0000, NaN, NaN

78.6037, 23.7501,

0.0000, NaN, NaN

-16.4066

90.8346, 24.3048,
-16.5320

12.3701, 16.8976,
-13.9255

12.3701, 16.8976,
-13.9255

11.6491, 18.7196,
-15.6901

13.2489, 14.7660,
-11.9726

10.9551, 20.6107,
-17.5539

14.2735, 12.4324,
-9.9181

10.6510, 21.5055,
-18.4299

15.4273, 9.9926,
-7.8338

16.6941, 7.5150,
-5.7675

18.0590, 5.0427,
-3.7465

■ 19.5089, 2.6005,
-1.7837

■ 21.0331, 0.2006,
0.1171

■ 22.6224, -2.1530,
1.9578

■ 24.2692, -4.4607,
3.7426

Harmonies

Analogous

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



12.3704, 7.1873, -26.5303



12.3701, 16.8976, -13.9255



12.3704, 22.0941, -1.3414

Triad

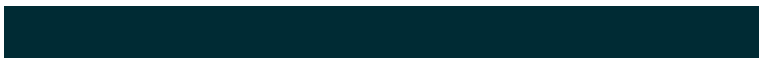
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.3704, 16.8972, -13.9250



12.3704, 1.3623, 8.6593



12.3704, -13.3991, -8.0594

Complementary

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



12.3701, 16.8976, -13.9255



19.0767, -13.5647, 10.1127

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.



12.3704, -14.3429, 2.3975



12.3701, 16.8976, -13.9255



12.3704, -6.9375, 8.6593

Square

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



12.3704, 16.8972, -13.9250



12.3704, 11.5927, 8.6593



12.3704, -12.0370, 8.1554



12.3704, -9.4585, -21.7502

Rectangle

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



12.3701, 16.8976, -13.9255



12.3704, 21.4732, 3.9929



12.3704, -12.0370, 8.1554



12.3704, -14.0774, -3.9347

Sweetspot

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



12.3704, 16.8972, -13.9250



24.1052, 6.0783, -4.4788



9.9780, 6.5039, -20.8183



12.2230, 3.3643, -2.4967



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.3704, 16.8972, -13.9250



14.6455, 26.4013, -22.5076



12.4640, 15.8050, -3.7413



10.8852, 0.4333, -0.1963



16.1927, 32.7600, -28.5253



40.8326, 82.8230, -73.5816

Inverse Universe

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



11.9163, 13.4919, 4.0487



14.0545, 21.4376, 6.8289



19.1112, -13.0500, 7.2564



10.8513, 0.1956, 0.7110



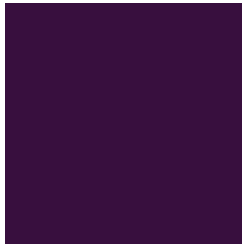
15.5720, 26.8387, 8.7355



39.4858, 67.8369, 23.8386

Previews

White Background



This preview shows how the HunterLab color 12.3701, 16.8976, -13.9255 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 12.3701, 16.8976, -13.9255 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 12.3701, 16.8976, -13.9255 Background



This preview shows how black text looks on a background with the HunterLab color 12.3701, 16.8976, -13.9255.



This preview shows how white text looks on a background with the HunterLab color 12.3701, 16.8976, -13.9255.

-13.9255.

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

12.3701, 16.8976, -13.9255

Protanopia

12.6451, 2.0006, -20.1240

Deuteranopia

12.8313, 0.3583, -11.2062



Tritanopia

12.6595, 6.4672, 2.4700

Trichromacy



Original Color

12.3701, 16.8976, -13.9255

Protanomaly

11.6187, 6.1504, -20.6403

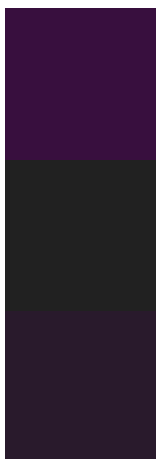
Deuteranomaly

12.0989, 5.7745, -13.3929

Tritanomaly

12.3684, 9.7424, -2.2644

Monochromacy



Original Color

12.3701, 16.8976, -13.9255

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

11.7985, 5.6538, -4.6052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3701, 16.8976, -13.9255 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, 15, 62)` looks like.

```
.text, #text, p{  
    color:rgb(56, 15, 62)  
}
```

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, 15, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 15, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3701, 16.8976, -13.9255 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, 15, 62) }
```


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

```
.border{ border-color:rgb(56, 15, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 15, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 15, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 15, 62);  
box-shadow:4px 4px 4px 4px rgb(56, 15, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3701, 16.8976, -13.9255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 15, 62) }
```

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

```
.background{ background-color: rgb(56, 15,  
62) }
```

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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