

Converting Colors

HunterLab(16.4070, 12.7880,
-10.4890)

Have a look what the booklet for
HunterLab(16.4070, 12.7880,
-10.4890) contains.

HunterLab(16.3592, 12.7455, -10.6966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.3592, 12.7455,
-10.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	402246
RGB	64, 34, 70
RGB Percent	25%, 13%, 27%
CMY	0.7490, 0.8667, 0.7255
CMYK	0.09, 0.51, 0.00, 0.73
HSL	290°, 35%, 20%
HSV	290°, 51%, 27%
XYZ	3.7919, 2.6762, 6.1111
YIQ	47.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

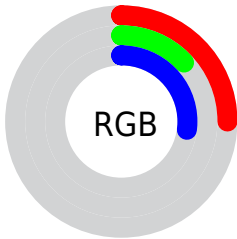
Format	Color
R_{YB}	64, 34, 70
Decimal	4203078
CIE _{Lab}	18.70, 21.29, -16.75
CIE _{LCh}	19, 27.088, 321.803
Yxy	2.6763, 0.3014, 0.2128
Android (android.graphics.Color)	4282393158 (0xFF402246)
YUV	47.0740, 11.3025, 14.8441
Hunter-Lab	16.3592, 12.7455, -10.6966

Details

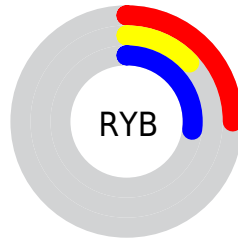
The HunterLab color **16.3592, 12.7455, -10.6966** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.2418, -12.0055, 9.4606**, and the grayscale version is **16.8471, -0.8989, 0.9153**.

A 20% lighter version of the original color is **32.5268, 14.4658, -11.5168**, and **4.8843, 9.9846, -9.4025** is the 20% darker color. If you saturate the color by 10%, you get **15.0912, 15.4237, -13.1958**, and if you desaturate by 10%, it is **17.7700, 9.9822, -8.2086**.

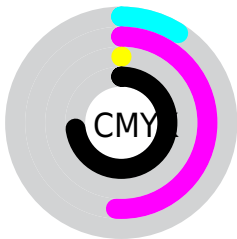
Distribution



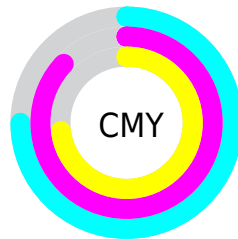
- Red (25%)
- Green (13%)
- Blue (27%)



- Red (25%)
- Yellow (13%)
- Blue (27%)



- Cyan (9%)
- Magenta (51%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3592, 12.7455, -10.6966 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 16.3592, 12.7455, -10.6966 by changing the saturation by 10% instead.

■ 16.3592, 12.7455,
-10.6966

■ 16.3592, 12.7455,
-10.6966

■ 111.4558, 17.4165,
-12.0944

■ 9.8244, 11.6072,
-10.2795

■ 32.3796, 14.5351,
-11.4708

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.6534, 15.2258,
-11.7561

0.0000, NaN, NaN

■ 51.6746, 15.8046,
-11.9693

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3912, 16.2853,
-12.1142

0.0000, NaN, NaN

■ 73.7607, 16.6788,
-12.1950

0.0000, NaN, NaN

■ 85.7474, 16.9940,

0.0000, NaN, NaN

-12.2162

98.3212, 17.2379,
-12.1814

16.3592, 12.7455,
-10.6966

16.3592, 12.7455,
-10.6966

15.0912, 15.4237,
-13.1958

17.7700, 9.9822,
-8.2086

13.9856, 17.9176,
-15.6329

19.3031, 7.2016,
-5.7770

13.0630, 20.0918,
-17.8984

20.9423, 4.4422,
-3.4223

12.2985, 21.9344,
-19.9720

22.6731, 1.7242,
-1.1510

11.6266, 23.7141,
-21.9692

24.4838, -0.9441,
1.0386

■ 26.3646, -3.5613,
3.1527

■ 28.3075, -6.1302,
5.1993

■ 30.3057, -8.6551,
7.1866

■ 32.3538, -11.1411,
9.1227

Harmonies

Analogous

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



16.3596, 5.1127, -18.8134



16.3592, 12.7455, -10.6966



16.3596, 16.8886, -1.2897

Triad

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



16.3596, 12.7450, -10.6961



16.3596, 1.3323, 10.0766



16.3596, -12.6532, -5.3842

Complementary

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



16.3592, 12.7455, -10.6966



22.2418, -12.0055, 9.4606

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.



16.3596, -13.2845, 2.8067



16.3592, 12.7455, -10.6966



16.3596, -6.1067, 9.6557

Square

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



16.3596, 12.7450, -10.6961



16.3596, 9.5350, 8.6771



16.3596, -11.1187, 7.5095



16.3596, -9.1938, -14.8715

Rectangle

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



16.3592, 12.7455, -10.6966



16.3596, 16.6598, 3.5616



16.3596, -11.1187, 7.5095



16.3596, -13.1733, -2.3241

Sweetspot

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



16.3596, 12.7450, -10.6961



28.9330, 3.7694, -2.7606



15.1657, 3.1684, -13.2525



14.5148, 2.0735, -1.5359



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



16.3596, 12.7450, -10.6961



19.4227, 21.4066, -18.4257



16.5884, 12.5234, -3.8668



12.3481, 0.5167, -0.2814



16.5615, 33.8534, -31.8669



40.4700, 83.0029, -80.0252

Inverse Universe

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



16.1228, 10.3230, 2.7328



19.0917, 17.5723, 4.5580



22.1759, -11.8986, 6.5454



12.3207, 0.2837, 0.7697



16.4840, 28.4668, 8.8104



40.5729, 69.8244, 23.5652

Previews

White Background



This preview shows how the HunterLab color 16.3592, 12.7455, -10.6966 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

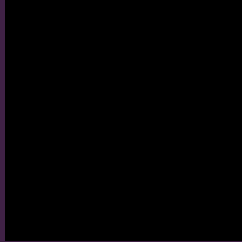
Any Text WCAG AA × Fail

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 16.3592, 12.7455, -10.6966 Background



This preview shows how black text looks on a background with the HunterLab color 16.3592, 12.7455, -10.6966.



This preview shows how white text looks on a background with the HunterLab color 16.3592, 12.7455, -10.6966.

-10.6966.

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

16.3592, 12.7455, -10.6966

Protanopia

16.5749, 2.7788, -16.8861

Deuteranopia

16.6273, 0.7824, -9.2416



Tritanopia

16.5178, 4.7133, 1.7075

Trichromacy



Original Color

16.3592, 12.7455, -10.6966

Protanomaly

16.1903, 5.7753, -14.9617

Deuteranomaly

16.4010, 4.7587, -10.1638

Tritanomaly

16.2338, 7.4384, -2.1679

Monochromacy



Original Color

16.3592, 12.7455, -10.6966

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.3971, 3.8082, -2.8989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3592, 12.7455, -10.6966 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(64, 34, 70)` looks like.

```
.text, #text, p{  
    color:rgb(64, 34, 70)  
}
```

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(64, 34, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 34, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3592, 12.7455, -10.6966 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(64, 34, 70) }
```


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

```
.border{ border-color:rgb(64, 34, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 34, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 34, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 34, 70);  
box-shadow:4px 4px 4px 4px rgb(64, 34, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3592, 12.7455, -10.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 34, 70) }
```

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

```
.background{ background-color: rgb(64, 34,  
70) }
```

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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