

Converting Colors

HunterLab(12.5683, 11.0627,
-7.0835)

Have a look what the booklet for
HunterLab(12.5683, 11.0627,
-7.0835) contains.

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Color

**HunterLab(12.5773, 10.9175,
-6.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	341733
RGB	52, 23, 51
RGB Percent	20%, 9%, 20%
CMY	0.7961, 0.9098, 0.8000
CMYK	0.00, 0.56, 0.02, 0.80
HSL	302°, 39%, 15%
HSV	302°, 56%, 20%
XYZ	2.3201, 1.5819, 3.3150
YIQ	34.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

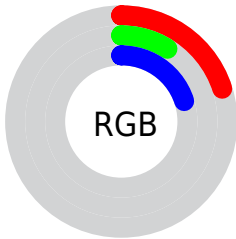
Format	Color
R_{YB}	52, 23, 51
Decimal	3413811
CIE _{Lab}	13.12, 19.53, -12.24
CIE _{LCh}	13, 23.048, 327.910
Yxy	1.5820, 0.3215, 0.2192
Android (android.graphics.Color)	4281603891 (0xFF341733)
YUV	34.8630, 7.9555, 15.0291
Hunter-Lab	12.5773, 10.9175, -6.8231

Details

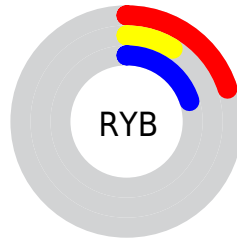
The HunterLab color **12.5773, 10.9175, -6.8231** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.4444, -9.8220, 6.8449**, and the grayscale version is **12.8949, -0.6880, 0.7006**.

A 20% lighter version of the original color is **27.5440, 12.8471, -7.1465**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **11.8056, 12.9503, -8.1243**, and if you desaturate by 10%, it is **13.4566, 8.7878, -5.4455**.

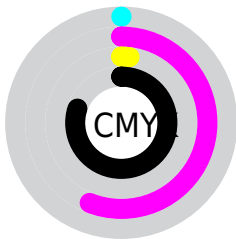
Distribution



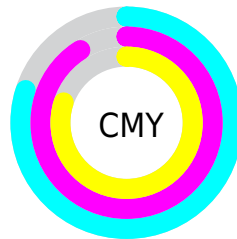
- Red (20%)
- Green (9%)
- Blue (20%)



- Red (20%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (2%)
- Black (80%)



- Cyan (80%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5773, 10.9175, -6.8231 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 12.5773, 10.9175, -6.8231 by changing the saturation by 10% instead.

■ 12.5773, 10.9175,
-6.8231

■ 12.5773, 10.9175,
-6.8231

■ 104.0613, 15.3605,
-7.0816

■ 5.8770, 14.1641,
-8.5742

■ 27.5549, 12.6925,
-7.3851

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.3842, 13.3622,
-7.5417

0.0000, NaN, NaN

■ 45.9957, 13.9145,
-7.6216

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.3302, 14.3653,
-7.6314

0.0000, NaN, NaN

■ 67.3403, 14.7266,
-7.5775

0.0000, NaN, NaN

■ 78.9867, 15.0079,

0.0000, NaN, NaN

-7.4650

91.2365, 15.2171,
-7.2984

12.5773, 10.9175,
-6.8231

12.5773, 10.9175,
-6.8231

11.8056, 12.9503,
-8.1243

13.4566, 8.7878,
-5.4455

11.1522, 14.8122,
-9.3003

14.4306, 6.6199,
-4.0313

10.6068, 16.4803,
-10.3371

15.4884, 4.4525,
-2.6071

10.0529, 18.3092,
-11.4715

16.6196, 2.3098,
-1.1901

9.8090, 19.1641,
-12.0019

17.8154, 0.2051,
0.2096

■ 19.0680, -1.8557,
1.5871

■ 20.3709, -3.8717,
2.9408

■ 21.7187, -5.8444,
4.2707

■ 23.1067, -7.7770,
5.5784

Harmonies

Analogous

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



12.5776, 5.3170, -13.7479



12.5773, 10.9175, -6.8231



12.5776, 13.3631, 0.2699

Triad

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



12.5776, 10.9170, -6.8227



12.5776, -0.2401, 8.8043



12.5776, -9.4652, -5.7549

Complementary

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



12.5773, 10.9175, -6.8231



16.4444, -9.8220, 6.8449

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.



12.5776, -10.3984, 1.0857



12.5773, 10.9175, -6.8231



12.5776, -5.7147, 8.0618

Square

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



12.5776, 10.9170, -6.8227



12.5776, 6.2023, 7.7847



12.5776, -9.1619, 5.3847



12.5776, -6.3274, -12.9515

Rectangle

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



12.5773, 10.9175, -6.8231



12.5776, 12.5821, 3.6608



12.5776, -9.1619, 5.3847



12.5776, -10.0167, -3.2624

Sweetspot

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



12.5776, 10.9170, -6.8227



21.5017, 3.6398, -1.9648



10.2694, 4.6634, -12.3478



11.6236, 2.0173, -1.0945



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.5776, 10.9170, -6.8227



15.0660, 18.2464, -11.4550



12.1392, 8.8901, -0.7269



9.4651, 0.3845, -0.0691



16.7657, 32.7357, -20.3589



43.9664, 85.7947, -52.9912

Inverse Universe

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



12.5776, 10.9170, -6.8227



15.0660, 18.2464, -11.4550



16.6769, -8.4322, 3.4678



9.4651, 0.3845, -0.0691



16.7657, 32.7357, -20.3589



43.9664, 85.7947, -52.9912

Previews

White Background



This preview shows how the HunterLab color 12.5773, 10.9175, -6.8231 looks on a white background.

Color Contrast Check

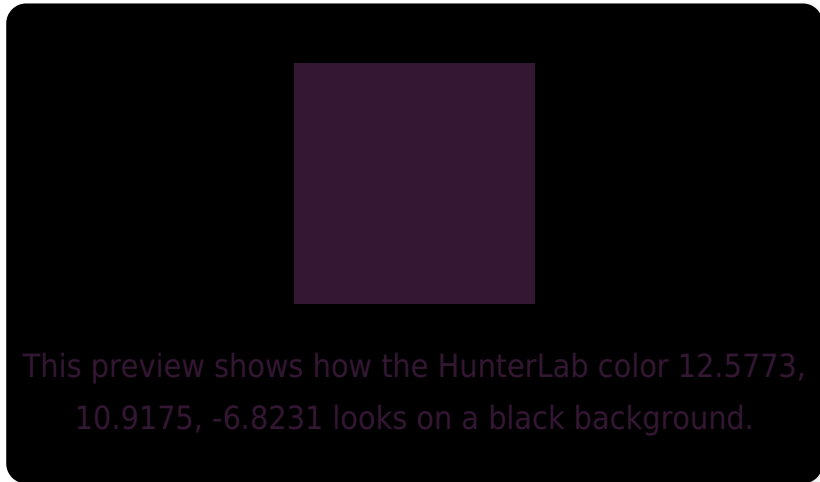
Large Text (above 18pt) WCAG AA ✓ Pass

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

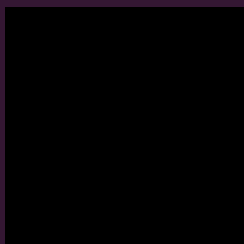
Any Text WCAG AA × Fail

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 12.5773, 10.9175, -6.8231 Background



This preview shows how black text looks on a background with the HunterLab color 12.5773, 10.9175, -6.8231.



This preview shows how white text looks on a background with the HunterLab color 12.5773, 10.9175, -6.8231.

-6.8231.

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

12.5773, 10.9175, -6.8231

Protanopia

12.8548, 1.6792, -11.7669

Deuteranopia

12.7555, 0.5316, -5.6373



Tritanopia

12.6584, 5.5567, 2.1442

Trichromacy



Original Color

12.5773, 10.9175, -6.8231

Protanomaly

12.5061, 4.6974, -10.5630

Deuteranomaly

12.4585, 4.0293, -6.6133

Tritanomaly

12.5799, 7.5626, -0.7584

Monochromacy



Original Color

12.5773, 10.9175, -6.8231

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6944, 3.1608, -1.9204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5773, 10.9175, -6.8231 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(52, 23, 51)` looks like.

```
.text, #text, p{  
    color:rgb(52, 23, 51)  
}
```

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(52, 23, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 23, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5773, 10.9175, -6.8231 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(52, 23, 51) }
```


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

```
.border{ border-color:rgb(52, 23, 51) }
```

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

Here you see how a box with a 4 pixel rgb(52, 23, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 23, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 23, 51);  
box-shadow:4px 4px 4px 4px rgb(52, 23, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5773, 10.9175, -6.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 23, 51) }
```

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

```
.background{ background-color: rgb(52, 23,  
51) }
```

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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