

Converting Colors

HunterLab(30.0136, 0.3950,
12.4134)

Have a look what the booklet for
HunterLab(30.0136, 0.3950,
12.4134) contains.

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Color

**HunterLab(29.9715, 0.3786,
12.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	645233
RGB	100, 82, 51
RGB Percent	39%, 32%, 20%
CMY	0.6078, 0.6784, 0.8000
CMYK	0.00, 0.18, 0.49, 0.61
HSL	38°, 32%, 30%
HSV	38°, 49%, 39%
XYZ	8.8703, 8.9829, 4.3983
YIQ	83.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

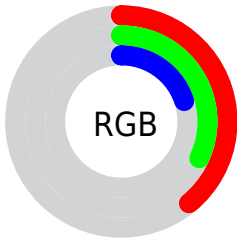
Format	Color
R_{YB}	79, 100, 51
Decimal	6574643
CIE _{Lab}	35.95, 2.87, 20.95
CIE _{LCh}	36, 21.144, 82.207
Yxy	8.9833, 0.3986, 0.4037
Android (android.graphics.Color)	4284764723 (0xFF645233)
YUV	83.8480, -16.1941, 14.1653
Hunter-Lab	29.9715, 0.3786, 12.2793

Details

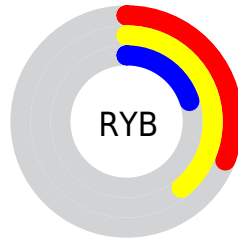
The HunterLab color $29.9715, 0.3786, 12.2793$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $24.2485, 0.2128, -14.5340$, and the grayscale version is $29.7720, -1.5886, 1.6176$.

A 20% lighter version of the original color is $48.7748, -0.1961, 16.0050$, and $14.3748, 1.0528, 8.1655$ is the 20% darker color. If you saturate the color by 10%, you get $28.9226, 1.2497, 13.5433$, and if you desaturate by 10%, it is $31.0647, -0.3513, 10.7094$.

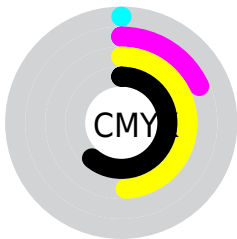
Distribution



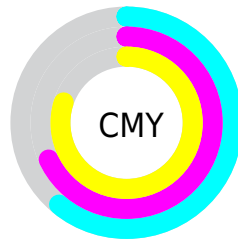
- Red (39%)
- Green (32%)
- Blue (20%)



- Red (31%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (61%)



- Cyan (61%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9715, 0.3786, 12.2793 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 29.9715, 0.3786, 12.2793 by changing the saturation by 10% instead.

■ 29.9715, 0.3786,
12.2793

■ 29.9715, 0.3786,
12.2793

■ 135.3712, -3.9866,
27.9430

■ 21.7493, 0.6215,
10.1911

■ 48.8516, -0.2893,
16.0896

■ 14.4565, 0.7917,
8.2400

■ 59.3819, -0.6986,
17.8799

■ 8.1175, 1.1055,
5.6823

■ 70.5758, -1.1522,
19.6211

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3963, -1.6469,
21.3263

0.0000, NaN, NaN

■ 94.8117, -2.1798,
23.0047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.7947, -2.7486,

24.6636

0.0000, NaN, NaN

121.3215, -3.3514,
26.3083

■ 29.9715, 0.3786,
12.2793

■ 29.9715, 0.3786,
12.2793

■ 28.9226, 1.2497,
13.5433

■ 31.0647, -0.3513,
10.7094

■ 27.9177, 2.2669,
14.4893

■ 32.1981, -0.9401,
8.8466

■ 26.9590, 3.4278,
15.1117

■ 33.3705, -1.3937,
6.7071

■ 26.0478, 4.7269,
15.4126

■ 34.5799, -1.7181,
4.3075

■ 25.1746, 6.1028,
15.5516

■ 35.8244, -1.9196,
1.6646

■ 25.0886, 6.2403,
15.5687

■ 37.1023, -2.0047,
-1.2056

■ 38.4116, -1.9803,
-4.2872

■ 39.7509, -1.8527,
-7.5657

■ 41.1186, -1.6284,
-11.0273

Harmonies

Analogous

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



29.9722, 7.7467, 10.5651



29.9715, 0.3786, 12.2793



29.9722, -6.8529, 11.7469

Triad

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



29.9722, 0.3774, 12.2796



29.9722, -13.8047, -4.0230



29.9722, 10.6520, -8.0386

Complementary

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



29.9715, 0.3786, 12.2793



24.2485, 0.2128, -14.5340

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.



29.9722, 4.0398, -14.0287



29.9715, 0.3786, 12.2793



29.9722, -9.9269, -11.3417

Square

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



29.9722, 0.3774, 12.2796



29.9722, -14.5785, 3.4306



29.9722, -3.5291, -15.3666



29.9722, 14.0468, -0.2866

Rectangle

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



29.9715, 0.3786, 12.2793



29.9722, -10.6768, 10.1098



29.9722, -3.5291, -15.3666



29.9722, 8.7027, -10.3961

Sweetspot

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



29.9722, 0.3774, 12.2796



44.7491, -2.0175, 7.7877



23.4872, 16.1855, 0.2193



22.0787, -0.9660, 4.0943



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



29.9722, 0.3774, 12.2796



38.0612, 1.8735, 18.1787



34.2754, -8.9458, 15.5459



17.6282, -0.8764, 2.1882



28.8808, 7.5186, 17.9278



64.6479, 19.7856, 40.1821

Inverse Universe

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



24.2485, 0.2128, -14.5340



28.8765, 1.9944, -25.5700



20.3700, 9.5283, -22.3737



17.0673, -0.9242, -0.3795



17.0248, 11.2368, -45.5365



36.8331, 30.6972, -112.3047

Previews

White Background



This preview shows how the HunterLab color 29.9715, 0.3786, 12.2793 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 29.9715, 0.3786, 12.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

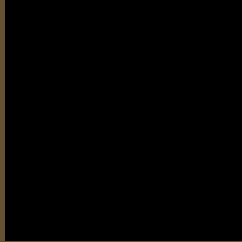
Any Text WCAG AA × Fail

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 29.9715, 0.3786, 12.2793 Background



This preview shows how black text looks on a background with the HunterLab color 29.9715, 0.3786, 12.2793.



This preview shows how white text looks on a background with the HunterLab color 29.9715, 0.3786,

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

29.9715, 0.3786, 12.2793

Protanopia

30.1199, -3.0323, 12.1115

Deuteranopia

30.0124, 1.8001, 12.3378



Tritanopia

29.9540, 6.6840, 1.9726

Trichromacy



Original Color

29.9715, 0.3786, 12.2793

Protanomaly

30.1254, -1.6792, 12.1397

Deuteranomaly

29.9143, 1.4695, 12.2512

Tritanomaly

29.8071, 4.4001, 6.2489

Monochromacy



Original Color

29.9715, 0.3786, 12.2793

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.7120, -1.0546, 6.0558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9715, 0.3786, 12.2793 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(100, 82, 51)` looks like.

```
.text, #text, p{  
    color:rgb(100, 82, 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(100, 82, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 82, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9715, 0.3786, 12.2793 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(100, 82, 51) }
```


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

```
.border{ border-color:rgb(100, 82, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 82, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 82, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 82, 51);  
box-shadow:4px 4px 4px 4px rgb(100, 82,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9715, 0.3786, 12.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 82, 51) }
```

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

```
.background{ background-color: rgb(100, 82,  
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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