

Converting Colors

HunterLab(29.0936, 12.7350,
15.1980)

Have a look what the booklet for
HunterLab(29.0936, 12.7350,
15.1980) contains.

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Color

**HunterLab(29.1610, 12.8042,
15.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4521
RGB	122, 69, 33
RGB Percent	48%, 27%, 13%
CMY	0.5216, 0.7294, 0.8706
CMYK	0.00, 0.43, 0.73, 0.52
HSL	24°, 57%, 30%
HSV	24°, 73%, 48%
XYZ	10.4287, 8.5036, 2.5305
YIQ	80.7430, 43.1440, 0.0400

Conversions

Conversions Part 2

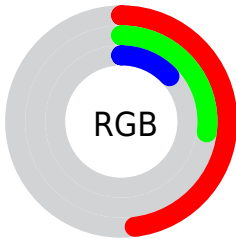
Format	Color
R_{YB}	122, 93, 33
Decimal	8013089
CIE _{Lab}	35.01, 19.49, 30.87
CIE _{LCh}	35, 36.513, 57.733
Yxy	8.5041, 0.4859, 0.3962
Android (android.graphics.Color)	4286203169 (0xFF7A4521)
YUV	80.7430, -23.5373, 36.1824
Hunter-Lab	29.1610, 12.8042, 15.2676

Details

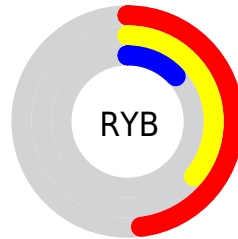
The HunterLab color **29.1610, 12.8042, 15.2676** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28.9543, -4.6333, -19.9425**, and the grayscale version is **28.6641, -1.5294, 1.5574**.

A 20% lighter version of the original color is **47.9441, 13.8282, 20.6374**, and **13.8509, 11.5987, 8.7379** is the 20% darker color. If you saturate the color by 10%, you get **27.5824, 15.5915, 15.7648**, and if you desaturate by 10%, it is **30.8780, 10.1680, 14.3989**.

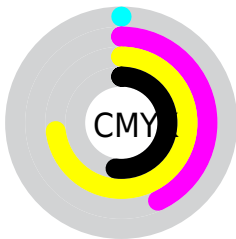
Distribution



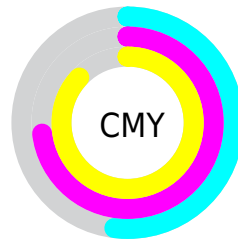
- Red (48%)
- Green (27%)
- Blue (13%)



- Red (48%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1610, 12.8042, 15.2676 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 29.1610, 12.8042, 15.2676 by changing the saturation by 10% instead.

■ 29.1610, 12.8042,
15.2676

■ 29.1610, 12.8042,
15.2676

■ 134.0276, 15.4288,
36.2497

■ 21.0218, 12.0249,
12.3000

■ 47.8966, 13.9772,
20.5960

■ 13.8228, 11.0906,
9.6759

■ 58.3623, 14.4086,
23.0457

■ 7.4484, 11.2585,
5.2139

■ 69.4955, 14.7526,
25.3959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.2585, 15.0183,
27.6683

0.0000, NaN, NaN

■ 93.6191, 15.2132,
29.8789

0.0000, NaN, NaN

■ 106.5497, 15.3433,

0.0000, NaN, NaN

32.0401

0.0000, NaN, NaN

120.0263, 15.4138,
34.1611

29.1610, 12.8042,
15.2676

29.1610, 12.8042,
15.2676

27.5824, 15.5915,
15.7648

30.8780, 10.1680,
14.3989

26.1517, 18.4935,
15.8784

32.7191, 7.7102,
13.1865

25.2266, 20.5207,
15.9038

34.6733, 5.4369,
11.6652

36.7298, 3.3468,
9.8697

38.8789, 1.4329,
7.8326

■ 41.1117, -0.3155,
5.5834

■ 43.4207, -1.9107,
3.1477

■ 45.7991, -3.3654,
0.5477

■ 48.2408, -4.6922,
-2.1978

Harmonies

Analogous

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



29.1618, 23.6230, 10.5261



29.1610, 12.8042, 15.2676



29.1618, -0.5760, 16.6410

Triad

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



29.1618, 12.8024, 15.2680



29.1618, -22.3256, 2.4999



29.1618, 10.8214, -27.7266

Complementary

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



29.1610, 12.8042, 15.2676



28.9543, -4.6333, -19.9425

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.



29.1618, -2.5264, -32.9040



29.1610, 12.8042, 15.2676



29.1618, -20.3246, -11.5672

Square

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



29.1618, 12.8024, 15.2680



29.1618, -19.6095, 11.5356



29.1618, -13.5843, -26.0126



29.1618, 22.3474, -13.9097

Rectangle

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



29.1610, 12.8042, 15.2676



29.1618, -8.6914, 16.2532



29.1618, -13.5843, -26.0126



29.1618, 6.3357, -30.7407

Sweetspot

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



29.1618, 12.8024, 15.2680



51.6907, 1.7990, 10.2693



24.2975, 32.8963, -6.1425



24.4272, 1.1041, 5.1935



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.1618, 12.8024, 15.2680



35.2035, 23.4311, 21.0669



40.0997, -6.8900, 22.4611



20.6315, -0.4676, 2.2889



25.8542, 21.1327, 16.3012



55.0516, 49.8007, 34.7944

Inverse Universe

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



28.9543, -4.6333, -19.9425



34.7524, -3.3836, -33.9096



18.3777, 16.0588, -47.7962



20.6233, -1.6649, -0.0948



25.3594, -0.9195, -29.7123



53.8271, 0.6466, -68.6751

Previews

White Background



This preview shows how the HunterLab color 29.1610, 12.8042, 15.2676 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 29.1610, 12.8042, 15.2676 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 29.1610, 12.8042, 15.2676 Background



This preview shows how black text looks on a background with the HunterLab color 29.1610, 12.8042, 15.2676.



This preview shows how white text looks on a background with the HunterLab color 29.1610, 12.8042,

15.2676.

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

29.1610, 12.8042, 15.2676

Protanopia

29.3179, -3.5681, 14.4635

Deuteranopia

29.2733, 1.3574, 15.5741



Tritanopia

29.1683, 18.1565, 6.5131

Trichromacy



Original Color

29.1610, 12.8042, 15.2676

Protanomaly

29.0856, 2.1020, 14.5569

Deuteranomaly

29.0621, 5.6097, 15.3615

Tritanomaly

28.9876, 16.1155, 10.2268

Monochromacy



Original Color

29.1610, 12.8042, 15.2676

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.5740, 2.4896, 7.5861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1610, 12.8042, 15.2676 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(122, 69, 33)` looks like.

```
.text, #text, p{  
    color:rgb(122, 69, 33)  
}
```

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(122, 69, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 69, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1610, 12.8042, 15.2676 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(122, 69, 33) }
```


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

```
.border{ border-color:rgb(122, 69, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 69, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 69, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 69, 33);  
box-shadow:4px 4px 4px 4px rgb(122, 69,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.1610, 12.8042, 15.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 69, 33) }
```

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

```
.background{ background-color: rgb(122, 69,  
33) }
```

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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