

Converting Colors

HunterLab(28.8013, 24.1768,
20.1609)

Have a look what the booklet for
HunterLab(28.8013, 24.1768,
20.1609) contains.

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Color

**HunterLab(28.9893, 24.5705,
18.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3800
RGB	140, 56, 0
RGB Percent	55%, 22%, 0%
CMY	0.4510, 0.7804, 1.0000
CMYK	0.00, 0.60, 1.00, 0.45
HSL	24°, 100%, 27%
HSV	24°, 100%, 55%
XYZ	12.2294, 8.4038, 0.9775
YIQ	74.7320, 68.0400, 0.3920

Conversions

Conversions Part 2

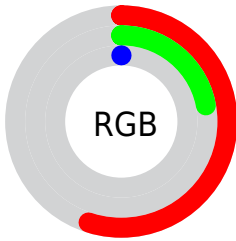
Format	Color
R_{YB}	140, 93, 0
Decimal	9189376
CIE _{Lab}	34.81, 33.41, 46.04
CIE _{LCh}	35, 56.881, 54.031
Yxy	8.4043, 0.5659, 0.3889
Android (android.graphics.Color)	4287379456 (0xFF8C3800)
YUV	74.7320, -36.8429, 57.2400
Hunter-Lab	28.9893, 24.5705, 18.2932

Details

The HunterLab color **28.9893, 24.5705, 18.2932** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **28.6941, -1.0478, -33.6030**, and the grayscale version is **26.5409, -1.4162, 1.4420**.

A 20% lighter version of the original color is **47.7770, 26.8705, 26.0237**, and **13.7138, 21.8579, 8.8330** is the 20% darker color. If you saturate the color by 10%, you get **28.9899, 24.5686, 18.2936**, and if you desaturate by 10%, it is **30.5282, 21.1296, 18.3742**.

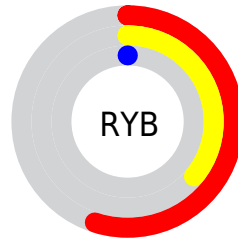
Distribution



Red (55%)

Green (22%)

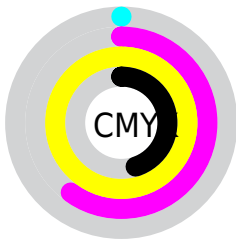
Blue (0%)



Red (55%)

Yellow (36%)

Blue (0%)

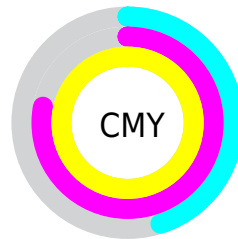


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9893, 24.5705, 18.2932 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 28.9893, 24.5705, 18.2932 by changing the saturation by 10% instead.

■ 28.9893, 24.5705,
18.2932

■ 28.9893, 24.5705,
18.2932

■ 133.7421, 32.4270,
47.6706

■ 20.8679, 23.1313,
14.6076

■ 47.6941, 27.0386,
25.9432

■ 13.6890, 21.5752,
9.5823

■ 58.1459, 28.0897,
29.4330

■ 7.2980, 21.9310,
5.1086

■ 69.2661, 29.0326,
32.7526

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.0168, 29.8772,
35.9325

0.0000, NaN, NaN

■ 93.3657, 30.6321,
38.9970


0.0000, NaN, NaN


■ 106.2852, 31.3046,


0.0000, NaN, NaN


41.9652

0.0000, NaN, NaN


 119.7511, 31.9010,
44.8522


 28.9893, 24.5705,
18.2932


 28.9893, 24.5705,
18.2932


 28.9899, 24.5686,
18.2936

 30.5282, 21.1296,
18.3742

 32.2470, 17.7115,
18.1603

 34.1435, 14.4368,
17.4877

 36.2030, 11.3512,
16.3791

 38.4104, 8.4782,
14.8721

■ 40.7514, 5.8253,
13.0091

■ 43.2130, 3.3892,
10.8321

■ 45.7835, 1.1601,
8.3798

■ 48.4524, -0.8755,
5.6864

Harmonies

Analogous

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



28.9901, 42.4106, 12.8440



28.9893, 24.5705, 18.2932



28.9901, 2.5455, 19.8003

Triad

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



28.9901, 24.5680, 18.2936



28.9901, -30.6649, 5.1189



28.9901, 15.7659, -55.3639

Complementary

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



28.9893, 24.5705, 18.2932



28.6941, -1.0478, -33.6030

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.



28.9901, -5.4270, -63.1321



28.9893, 24.5705, 18.2932



28.9901, -28.9029, -17.5383

Square

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



28.9901, 24.5680, 18.2936



28.9901, -26.5010, 15.8620



28.9901, -20.7978, -46.1454



28.9901, 36.4426, -29.0370

Rectangle

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



28.9893, 24.5705, 18.2932



28.9901, -10.2665, 19.6018



28.9901, -20.7978, -46.1454



28.9901, 8.3397, -60.7448

Sweetspot

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



28.9901, 24.5680, 18.2936



57.1668, 4.6970, 14.5776



24.9310, 45.2620, -3.7924



26.8503, 2.8204, 7.5320



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



28.9901, 24.5680, 18.2936



38.1048, 33.6236, 24.0686



45.2737, -7.1725, 27.7718



23.1421, -0.4952, 2.5882



27.3939, 22.9874, 17.2824



2.7785, 0.6616, 1.7237

Inverse Universe

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



28.6941, -1.0478, -33.6030



37.6770, -0.6772, -45.6311



14.8579, 32.7542, -89.2776



23.1483, -1.8940, -0.1276



27.1200, -1.1085, -31.5048



2.7857, -0.9564, -1.4173

Previews

White Background



This preview shows how the HunterLab color 28.9893, 24.5705, 18.2932 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 28.9893, 24.5705, 18.2932 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 28.9893, 24.5705, 18.2932 Background



This preview shows how black text looks on a background with the HunterLab color 28.9893, 24.5705, 18.2932.



This preview shows how white text looks on a background with the HunterLab color 28.9893, 24.5705,

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

28.9893, 24.5705, 18.2932

Protanopia

29.2325, -4.2200, 17.0964

Deuteranopia

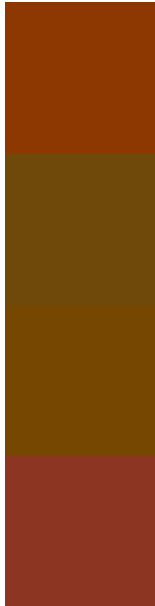
29.3176, 1.1872, 18.0862



Tritanopia

28.9733, 28.7843, 10.9607

Trichromacy



Original Color

28.9893, 24.5705, 18.2932

Protanomaly

28.4602, 5.7781, 17.0998

Deuteranomaly

28.9103, 9.4485, 17.9798

Tritanomaly

28.8622, 27.1752, 14.9940

Monochromacy



Original Color

28.9893, 24.5705, 18.2932

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.4581, 5.9584, 10.1414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9893, 24.5705, 18.2932 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(140, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 56, 0)  
}
```

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(140, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 56, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9893, 24.5705, 18.2932 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(140, 56, 0) }
```


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

```
.border{ border-color:rgb(140, 56, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 56, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 56, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9893, 24.5705, 18.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 56, 0) }
```

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

```
.background{ background-color: rgb(140, 56,  
0) }
```

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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