

Converting Colors

HunterLab(48.2271, -2.5637,
29.6724)

Have a look what the booklet for
HunterLab(48.2271, -2.5637,
29.6724) contains.

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Color

HunterLab(48.2020, -2.5759,
29.6568)

Conversions

Conversions Part 1

Format	Color
Hex	9E8200
RGB	158, 130, 0
RGB Percent	62%, 51%, 0%
CMY	0.3804, 0.4902, 1.0000
CMYK	0.00, 0.18, 1.00, 0.38
HSL	49°, 100%, 31%
HSV	49°, 100%, 62%
XYZ	22.0832, 23.2343, 3.3207
YIQ	123.5520, 58.4180, -34.4940

Conversions

Conversions Part 2

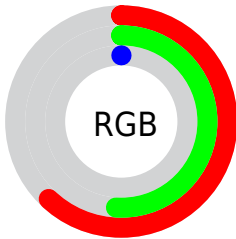
Format	Color
R _Y B	34, 158, 0
Decimal	10387968
CIE Lab	55.31, -0.00, 60.47
CIE LCh	55, 60.466, 90.004
Yxy	23.2355, 0.4540, 0.4777
Android (android.graphics.Color)	4288578048 (0xFF9E8200)
YUV	123.5520, -60.9111, 30.2109
Hunter-Lab	48.2020, -2.5759, 29.6568

Details

The HunterLab color **48.2020, -2.5759, 29.6568** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **18.1640, 32.9437, -93.8179**, and the grayscale version is **44.9353, -2.3976, 2.4414**.

A 20% lighter version of the original color is **70.0257, -3.7787, 38.4530**, and **29.5121, -0.7073, 18.1728** is the 20% darker color. If you saturate the color by 10%, you get **48.2028, -2.5775, 29.6572**, and if you desaturate by 10%, it is **49.0176, -3.6522, 29.5566**.

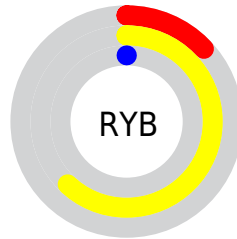
Distribution



Red (62%)

Green (51%)

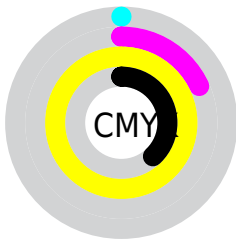
Blue (0%)



Red (13%)

Yellow (62%)

Blue (0%)

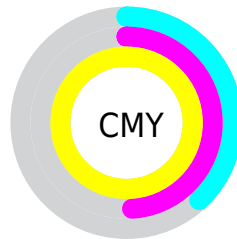


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2020, -2.5759, 29.6568 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 48.2020, -2.5759, 29.6568 by changing the saturation by 10% instead.

48.2020, -2.5759,
29.6568

48.2020, -2.5759,
29.6568

163.9915, -8.7641,
64.0508

38.4285, -2.0557,
24.9546

69.8424, -3.7343,
38.3537

29.4217, -1.5744,
20.5359

81.6239, -4.3637,
42.4072

21.2549, -1.1379,
14.8784

94.0022, -5.0251,
46.3010

14.0256, -0.7514,
9.8179

106.9497, -5.7168,
50.0578

7.6701, -0.4121,
5.3690

120.4425, -6.4376,
53.6966

0.0000, NaN, NaN

0.0000, NaN, NaN

134.4594, -7.1865,

57.2332

0.0000, NaN, NaN

■ 148.9813, -7.9623,
60.6809

0.0000, NaN, NaN

■ 48.2020, -2.5759,
29.6568

■ 48.2020, -2.5759,
29.6568

■ 48.2028, -2.5775,
29.6572

■ 49.0176, -3.6522,
29.5566

■ 49.8679, -4.5680,
29.0567

■ 50.7646, -5.2636,
27.9972

■ 51.7106, -5.7209,
26.3369

■ 52.7076, -5.9286,
24.0519

■ 53.7566, -5.8802,
21.1313

■ 54.8579, -5.5734,
17.5739

■ 56.0116, -5.0085,
13.3862

■ 57.2171, -4.1888,
8.5806

Harmonies

Analogous

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



48.2032, 24.0034, 27.8541



48.2020, -2.5759, 29.6568



48.2032, -24.4119, 27.8531

Triad

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



48.2032, -2.5780, 29.6572



48.2032, -37.6529, -26.4420



48.2032, 46.7472, -26.4332

Complementary

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



48.2020, -2.5759, 29.6568



18.1640, 32.9437, -93.8179

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.



48.2032, 24.0106, -56.4678



48.2020, -2.5759, 29.6568



48.2032, -24.4071, -56.4745

Square

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



48.2032, -2.5780, 29.6572



48.2032, -41.9646, 2.6206



48.2032, -2.5711, -69.5631



48.2032, 55.8021, 2.6271

Rectangle

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



48.2020, -2.5759, 29.6568



48.2032, -34.2551, 23.7873



48.2032, -2.5711, -69.5631



48.2032, 40.2491, -37.1928

Sweetspot

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



48.2032, -2.5780, 29.6572



73.8366, -7.5448, 23.9896



27.1252, 46.7777, 14.9964



34.7755, -3.6763, 12.3342



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



48.2032, -2.5780, 29.6572



64.7546, -3.1353, 39.8466



52.5735, -29.5061, 31.8787



27.4231, -1.9702, 3.9222



43.1977, -2.4055, 26.5761



6.1769, -0.9657, 3.7893

Inverse Universe

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



18.1640, 32.9437, -93.8179



24.0444, 45.9434, -129.2322



17.7422, 44.2949, -96.3890



25.7215, -0.7711, -1.2371



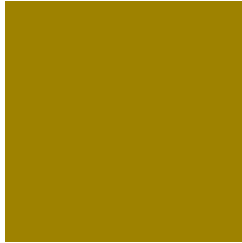
16.3872, 29.0199, -83.1282



3.0693, 1.4800, -7.0312

Previews

White Background



This preview shows how the HunterLab color 48.2020, -2.5759, 29.6568 looks on a white background.

Color Contrast Check

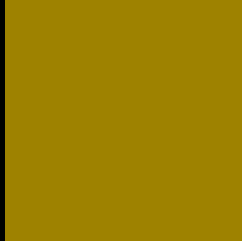
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.2020, -2.5759, 29.6568 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.2020, -2.5759, 29.6568 Background



This preview shows how black text looks on a background with the HunterLab color 48.2020, -2.5759, 29.6568.



This preview shows how white text looks on a background with the HunterLab color 48.2020, -2.5759,

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

48.2020, -2.5759, 29.6568

Protanopia

48.2413, -6.7263, 29.3966

Deuteranopia

48.2448, 3.1920, 29.3162



Tritanopia

48.2553, 13.1483, 4.0165

Trichromacy



Original Color

48.2020, -2.5759, 29.6568

Protanomaly

48.2531, -5.2419, 29.5004

Deuteranomaly

48.0508, 1.1404, 29.3452

Tritanomaly

47.6668, 5.2186, 19.2843

Monochromacy



Original Color

48.2020, -2.5759, 29.6568

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.5197, -5.0535, 18.3257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2020, -2.5759, 29.6568 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(158, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 130, 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(158, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 130, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2020, -2.5759, 29.6568 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(158, 130, 0) }
```


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

```
.border{ border-color:rgb(158, 130, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 130,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2020, -2.5759, 29.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 130, 0) }
```

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

```
.background{ background-color: rgb(158,  
130, 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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