

Converting Colors

HunterLab(50.7170, -3.2433,
29.6766)

Have a look what the booklet for
HunterLab(50.7170, -3.2433,
29.6766) contains.

HunterLab(50.7708, -3.4248, 29.7110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.7708, -3.4248,
29.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	A3891F
RGB	163, 137, 31
RGB Percent	64%, 54%, 12%
CMY	0.3608, 0.4627, 0.8784
CMYK	0.00, 0.16, 0.81, 0.36
HSL	48°, 68%, 38%
HSV	48°, 81%, 64%
XYZ	24.2972, 25.7767, 4.9911
YIQ	132.6900, 49.5220, -27.4540

Conversions

Conversions Part 2

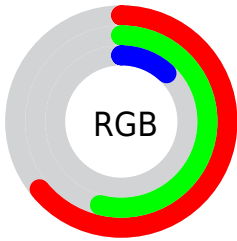
Format	Color
RYB	63, 163, 31
Decimal	10717471
CIELab	57.83, -0.88, 55.71
CIELCh	58, 55.713, 90.908
Yxy	25.7780, 0.4412, 0.4681
Android (android.graphics.Color)	4288907551 (0xFFA3891F)
YUV	132.6900, -50.1332, 26.5819
Hunter-Lab	50.7708, -3.4248, 29.7110

Details

The HunterLab color **50.7708, -3.4248, 29.7110** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24.2111, 21.3231, -69.5615**, and the grayscale version is **48.4869, -2.5871, 2.6344**.

A 20% lighter version of the original color is **72.7014, -4.7795, 37.7057**, and **31.7888, -1.9876, 19.5533** is the 20% darker color. If you saturate the color by 10%, you get **49.8132, -2.3006, 30.1295**, and if you desaturate by 10%, it is **51.7813, -4.3245, 28.7155**.

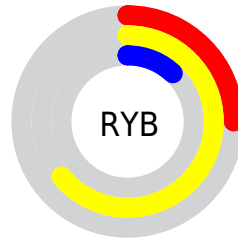
Distribution



Red (64%)

Green (54%)

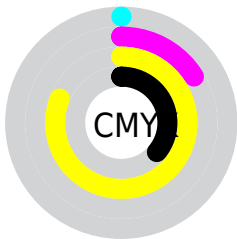
Blue (12%)



Red (25%)

Yellow (64%)

Blue (12%)

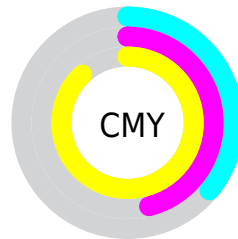


Cyan (0%)

Magenta (16%)

Yellow (81%)

Black (36%)



Cyan (36%)

Magenta (46%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7708, -3.4248, 29.7110 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 50.7708, -3.4248, 29.7110 by changing the saturation by 10% instead.

50.7708, -3.4248,
29.7110

50.7708, -3.4248,
29.7110

167.8364,
-10.0313, 61.4299

40.8138, -2.8446,
25.3974

72.7438, -4.6920,
37.6852

31.6081, -2.2982,
20.8784

84.6780, -5.3715,
41.4093

23.2224, -1.7903,
16.2557

97.2016, -6.0805,
44.9936

15.7465, -1.3235,
11.0225

110.2883, -6.8179,
48.4588

9.3078, -0.9106,
6.5155

123.9146, -7.5825,
51.8221

0.0000, NaN, NaN

0.0000, NaN, NaN

138.0600, -8.3735,

55.0975

0.0000, NaN, NaN

152.7061, -9.1900,
58.2968

0.0000, NaN, NaN

■ 50.7708, -3.4248,
29.7110

■ 50.7708, -3.4248,
29.7110

■ 49.8132, -2.3006,
30.1295

■ 51.7813, -4.3245,
28.7155

■ 48.9815, -1.1465,
30.1621

■ 52.8439, -4.9743,
27.0991

■ 53.9613, -5.3646,
24.8385

■ 55.1343, -5.4891,
21.9241

■ 56.3631, -5.3458,
18.3568

■ 57.6473, -4.9359,
14.1454

■ 58.9864, -4.2632,
9.3046

■ 60.3793, -3.3337,
3.8539

■ 61.8249, -2.1549,
-2.1842

Harmonies

Analogous

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



50.7720, 21.2120, 27.8222



50.7708, -3.4248, 29.7110



50.7720, -23.9246, 27.5591

Triad

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



50.7720, -3.4270, 29.7114



50.7720, -35.9914, -24.6871



50.7720, 43.1814, -22.9318

Complementary

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



50.7708, -3.4248, 29.7110



24.2111, 21.3231, -69.5615

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.



50.7720, 22.6811, -49.7675



50.7708, -3.4248, 29.7110



50.7720, -22.8904, -51.0648

Square

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



50.7720, -3.4270, 29.7114



50.7720, -40.4928, 2.0767



50.7720, -1.9926, -61.8513



50.7720, 50.9079, 3.4411

Rectangle

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



50.7708, -3.4248, 29.7110



50.7720, -33.2717, 23.1015



50.7720, -1.9926, -61.8513



50.7720, 37.3915, -32.5548

Sweetspot

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



50.7720, -3.4270, 29.7114



76.5431, -6.8358, 20.9801



30.1099, 44.1925, 11.6009



35.9979, -3.3271, 10.8496



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



50.7720, -3.4270, 29.7114



65.7020, -1.7155, 40.2907



55.2573, -27.0209, 32.1850



28.2828, -1.9686, 4.0185



43.2553, -1.1357, 26.6338



6.7105, -0.8843, 4.1195

Inverse Universe

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



24.2111, 21.3231, -69.5615



26.0621, 42.9272, -124.3636



22.2465, 38.6607, -77.9620



26.5996, -0.8620, -1.2404



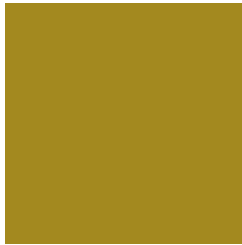
17.0751, 28.3263, -82.4908



3.4568, 1.4955, -7.5491

Previews

White Background



This preview shows how the HunterLab color 50.7708, -3.4248, 29.7110 looks on a white background.

Color Contrast Check

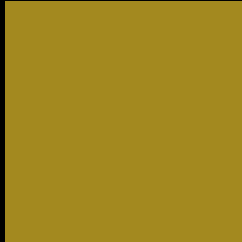
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7708, -3.4248, 29.7110 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 50.7708, -3.4248, 29.7110 Background



This preview shows how black text looks on a background with the HunterLab color 50.7708, -3.4248, 29.7110.



This preview shows how white text looks on a background with the HunterLab color 50.7708, -3.4248,

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

50.7708, -3.4248, 29.7110

Protanopia

50.6334, -6.8078, 29.4808

Deuteranopia

50.7267, 3.4899, 29.5498



Tritanopia

50.7844, 12.3978, 3.8794

Trichromacy



Original Color

50.7708, -3.4248, 29.7110

Protanomaly

50.6480, -5.2933, 29.5167

Deuteranomaly

50.8113, 0.9924, 29.6482

Tritanomaly

50.3288, 5.0504, 17.4881

Monochromacy



Original Color

50.7708, -3.4248, 29.7110

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.8099, -4.4574, 16.5559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7708, -3.4248, 29.7110 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(163, 137, 31)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 31)  
}
```

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(163, 137, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7708, -3.4248, 29.7110 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(163, 137, 31) }
```


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

```
.border{ border-color:rgb(163, 137, 31) }
```

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

Here you see how a box with a 4 pixel rgb(163, 137, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 31);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7708, -3.4248, 29.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 31) }
```

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

```
.background{ background-color: rgb(163,  
137, 31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor