

Converting Colors

HunterLab(51.5950, -4.5996,
30.0887)

Have a look what the booklet for
HunterLab(51.5950, -4.5996,
30.0887) contains.

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Color

HunterLab(51.6261, -4.7474,
30.0762)

Conversions

Conversions Part 1

Format	Color
Hex	A38C21
RGB	163, 140, 33
RGB Percent	64%, 55%, 13%
CMY	0.3608, 0.4510, 0.8706
CMYK	0.00, 0.14, 0.80, 0.36
HSL	49°, 66%, 38%
HSV	49°, 80%, 64%
XYZ	24.7569, 26.6525, 5.2785
YIQ	134.6790, 48.0550, -28.4010

Conversions

Conversions Part 2

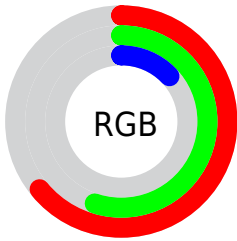
Format	Color
RYB	61, 163, 33
Decimal	10718241
CIELab	58.65, -2.46, 55.78
CIElCh	59, 55.837, 92.523
Yxy	26.6538, 0.4367, 0.4702
Android (android.graphics.Color)	4288908321 (0xFFA38C21)
YUV	134.6790, -50.1277, 24.8375
Hunter-Lab	51.6261, -4.7474, 30.0762

Details

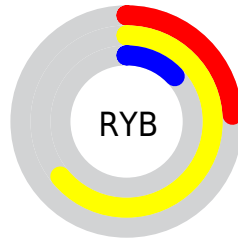
The HunterLab color **51.6261, -4.7474, 30.0762** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24.0749, 22.0201, -70.1135**, and the grayscale version is **49.2748, -2.6292, 2.6772**.

A 20% lighter version of the original color is **73.6208, -6.1303, 37.9958**, and **32.3081, -2.8392, 19.8584** is the 20% darker color. If you saturate the color by 10%, you get **50.7463, -3.8023, 30.5975**, and if you desaturate by 10%, it is **52.5567, -5.4676, 28.9734**.

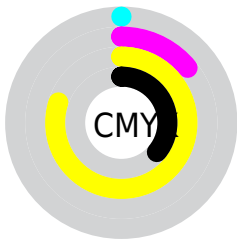
Distribution



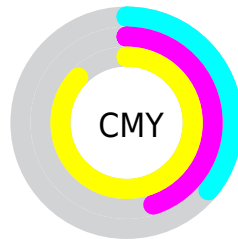
- Red (64%)
- Green (55%)
- Blue (13%)



- Red (24%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6261, -4.7474, 30.0762 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 51.6261, -4.7474, 30.0762 by changing the saturation by 10% instead.

51.6261, -4.7474,
30.0762

51.6261, -4.7474,
30.0762

169.1086,
-12.0031, 61.7437

41.6094, -4.0741,
25.7776

73.7074, -6.1835,
38.0282

32.3391, -3.4270,
21.2455

85.6915, -6.9407,
41.7445

23.8826, -2.8083,
16.7178

98.2626, -7.7236,
45.3226

16.3273, -2.2173,
11.4291

111.3947, -8.5318,
48.7830

9.7973, -1.6503,
6.8581

125.0647, -9.3644,
52.1425

0.0000, NaN, NaN

0.0000, NaN, NaN

139.2522,

-10.2209, 55.4151

0.0000, NaN, NaN

153.9390,
-11.1006, 58.6123

0.0000, NaN, NaN

■ 51.6261, -4.7474,
30.0762

■ 51.6261, -4.7474,
30.0762

■ 50.7463, -3.8023,
30.5975

■ 52.5567, -5.4676,
28.9734

■ 49.9033, -2.6852,
30.6894

■ 53.5374, -5.9378,
27.2449

■ 49.8826, -2.6571,
30.6909

■ 54.5710, -6.1483,
24.8666

■ 55.6587, -6.0924,
21.8269

■ 56.8009, -5.7676,
18.1247

■ 57.9974, -5.1744,
13.7669

■ 59.2479, -4.3162,
8.7664

■ 60.5516, -3.1983,
3.1411

■ 61.9077, -1.8278,
-3.0878

Harmonies

Analogous

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



51.6273, 20.0104, 28.3821



51.6261, -4.7474, 30.0762



51.6273, -25.0568, 27.6370

Triad

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



51.6273, -4.7495, 30.0766



51.6273, -35.8536, -26.3728



51.6273, 44.2447, -21.4763

Complementary

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



51.6261, -4.7474, 30.0762



24.0749, 22.0201, -70.1135

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.



51.6273, 24.1162, -48.7728



51.6261, -4.7474, 30.0762



51.6273, -22.1565, -52.3848

Square

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



51.6273, -4.7495, 30.0766



51.6273, -40.8705, 0.8640



51.6273, -0.7347, -62.0181



51.6273, 51.1499, 4.6835

Rectangle

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



51.6261, -4.7474, 30.0762



51.6273, -34.1895, 22.8488



51.6273, -0.7347, -62.0181



51.6273, 38.6412, -31.1608

Sweetspot

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



51.6273, -4.7495, 30.0766



76.8549, -7.3418, 21.2691



30.2791, 43.5897, 11.8830



36.1661, -3.5994, 11.0009



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.



51.6273, -4.7495, 30.0766



67.0076, -3.8747, 41.0068



55.1630, -27.3709, 31.9652



28.3251, -2.0383, 4.0634



44.0430, -2.4541, 27.0961



6.7837, -0.9996, 4.1626

Inverse Universe

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



24.0749, 22.0201, -70.1135



25.7339, 44.1777, -126.3448



22.7923, 38.3663, -75.4200



26.5579, -0.7917, -1.2925



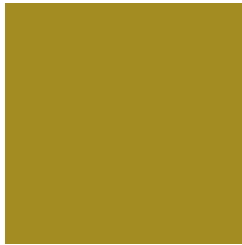
16.6769, 29.6937, -84.9449



3.3426, 1.7459, -7.9468

Previews

White Background



This preview shows how the HunterLab color 51.6261, -4.7474, 30.0762 looks on a white background.

Color Contrast Check

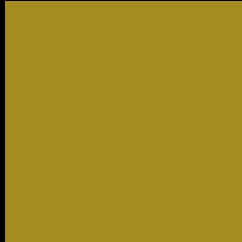
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6261, -4.7474, 30.0762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

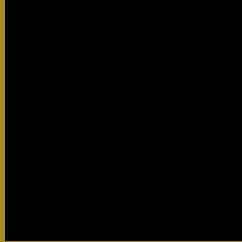
Any Text WCAG AA ✓ Pass

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 51.6261, -4.7474, 30.0762 Background



This preview shows how black text looks on a background with the HunterLab color 51.6261, -4.7474, 30.0762.



This preview shows how white text looks on a background with the HunterLab color 51.6261, -4.7474,

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

51.6261, -4.7474, 30.0762

Protanopia

51.7945, -7.0826, 30.1445

Deuteranopia

51.6164, 3.7469, 29.9542



Tritanopia

51.5231, 12.3306, 2.9661

Trichromacy



Original Color

51.6261, -4.7474, 30.0762

Protanomaly

51.6073, -6.2754, 30.0373

Deuteranomaly

51.5887, 0.8617, 29.9763

Tritanomaly

51.3170, 4.3613, 17.1742

Monochromacy



Original Color

51.6261, -4.7474, 30.0762

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.7925, -5.3036, 16.8297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6261, -4.7474, 30.0762 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, 140, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 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(163, 140, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6261, -4.7474, 30.0762 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, 140, 33) }
```


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

```
.border{ border-color:rgb(163, 140, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6261, -4.7474, 30.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 33) }
```

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

```
.background{ background-color: rgb(163,  
140, 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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