

Converting Colors

HunterLab(51.5277, 5.7205,
31.1825)

Have a look what the booklet for
HunterLab(51.5277, 5.7205,
31.1825) contains.

HunterLab(51.4697, 5.8263, 31.1582)	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(51.4697, 5.8263,
31.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	B68412
RGB	182, 132, 18
RGB Percent	71%, 52%, 7%
CMY	0.2863, 0.4823, 0.9294
CMYK	0.00, 0.27, 0.90, 0.29
HSL	42°, 82%, 39%
HSV	42°, 90%, 71%
XYZ	27.6519, 26.4913, 4.2282
YIQ	133.9540, 66.3940, -24.8540

Conversions

Conversions Part 2

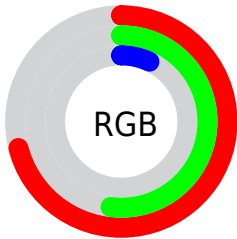
Format	Color
R_{YB}	90, 182, 18
Decimal	11961362
CIE Lab	58.50, 10.18, 60.72
CIE LCh	59, 61.570, 80.481
Yxy	26.4926, 0.4737, 0.4538
Android (android.graphics.Color)	4290151442 (0xFFB68412)
YUV	133.9540, -57.1653, 42.1363
Hunter-Lab	51.4697, 5.8263, 31.1582

Details

The HunterLab color **51.4697, 5.8263, 31.1582** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **27.6411, 21.1147, -77.5262**, and the grayscale version is **49.0095, -2.6150, 2.6628**.

A 20% lighter version of the original color is **73.5602, 5.4755, 39.7642**, and **32.3599, 6.2837, 20.0500** is the 20% darker color. If you saturate the color by 10%, you get **49.9990, 8.2448, 30.9535**, and if you desaturate by 10%, it is **53.0309, 3.5884, 30.8557**.

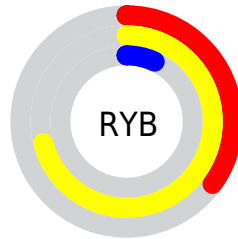
Distribution



Red (71%)

Green (52%)

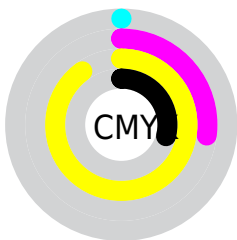
Blue (7%)



Red (35%)

Yellow (71%)

Blue (7%)

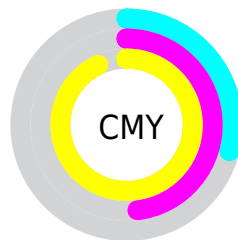


Cyan (0%)

Magenta (27%)

Yellow (90%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4697, 5.8263, 31.1582 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 51.4697, 5.8263, 31.1582 by changing the saturation by 10% instead.

■ 51.4697, 5.8263,
31.1582

■ 51.4697, 5.8263,
31.1582

168.8763, 3.5014,
65.2929

■ 41.4639, 5.8010,
26.5201

■ 73.5314, 5.6638,
39.7530

■ 32.2054, 5.6970,
21.8152

■ 85.5063, 5.4950,
43.7683

■ 23.7617, 5.4976,
16.6332

■ 98.0688, 5.2738,
47.6308

■ 16.2209, 5.1823,
11.3546

■ 111.1927, 5.0043,
51.3621

■ 9.7075, 4.7192,
6.7953

■ 124.8547, 4.6896,
54.9801

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.0345, 4.3327,

58.4998

0.0000, NaN, NaN

153.7139, 3.9360,
61.9339

0.0000, NaN, NaN

51.4697, 5.8263,
31.1582

51.4697, 5.8263,
31.1582

49.9990, 8.2448,
30.9535

53.0309, 3.5884,
30.8557

54.6724, 1.6319,
29.8782

56.3961, -0.0271,
28.1956

58.2012, -1.3801,
25.8012

60.0859, -2.4254,
22.7043

■ 62.0480, -3.1668,
18.9249

■ 64.0848, -3.6114,
14.4898

■ 66.1934, -3.7693,
9.4301

■ 68.3709, -3.6520,
3.7793

Harmonies

Analogous

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



51.4710, 33.2710, 27.7114



51.4697, 5.8263, 31.1582



51.4710, -19.1710, 30.4719

Triad

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



51.4710, 5.8237, 31.1586



51.4710, -41.8572, -16.8771



51.4710, 42.0108, -37.8195

Complementary

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



51.4697, 5.8263, 31.1582



27.6411, 21.1147, -77.5262

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.



51.4710, 16.0308, -65.0656



51.4697, 5.8263, 31.1582



51.4710, -30.9703, -49.3653

Square

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



51.4710, 5.8237, 31.1586



51.4710, -43.5093, 10.0938



51.4710, -10.7952, -70.1072



51.4710, 56.7447, -5.7431

Rectangle

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



51.4697, 5.8263, 31.1582



51.4710, -31.4667, 27.5050



51.4710, -10.7952, -70.1072



51.4710, 34.0858, -48.4018

Sweetspot

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



51.4710, 5.8237, 31.1586



84.2634, -4.4610, 23.9839



32.8926, 54.2898, 10.7929



39.1695, -1.9754, 12.1693



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



51.4710, 5.8237, 31.1586



66.9984, 11.7125, 41.4892



63.3785, -27.0577, 38.0443



31.6681, -1.7991, 4.3043



42.1612, 6.6577, 26.0961



8.5463, 0.1168, 5.2682

Inverse Universe

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



27.6411, 21.1147, -77.5262



32.8578, 38.3531, -123.8626



21.0720, 46.8351, -110.7170



30.2557, -1.3933, -1.1329



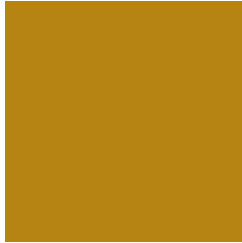
21.0994, 22.2625, -74.4308



5.1934, 1.3265, -9.3547

Previews

White Background



This preview shows how the HunterLab color 51.4697, 5.8263, 31.1582 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 51.4697, 5.8263, 31.1582 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 51.4697, 5.8263, 31.1582 Background



This preview shows how black text looks on a background with the HunterLab color 51.4697, 5.8263, 31.1582.



This preview shows how white text looks on a background with the HunterLab color 51.4697, 5.8263,

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

51.4697, 5.8263, 31.1582

Protanopia

51.4537, -6.9293, 30.7667

Deuteranopia

51.5292, 3.2797, 31.2454



Tritanopia

51.5007, 20.7393, 6.9661

Trichromacy



Original Color

51.4697, 5.8263, 31.1582

Protanomaly

51.4227, -2.6845, 30.8764

Deuteranomaly

51.3802, 4.1603, 31.1211

Tritanomaly

51.1040, 13.9534, 20.2513

Monochromacy



Original Color

51.4697, 5.8263, 31.1582

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.1193, -2.0794, 18.0089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4697, 5.8263, 31.1582 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(182, 132, 18)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 18)  
}
```

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(182, 132, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4697, 5.8263, 31.1582 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(182, 132, 18) }
```


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

```
.border{ border-color:rgb(182, 132, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 132, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 18);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4697, 5.8263, 31.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 18) }
```

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

```
.background{ background-color: rgb(182,  
132, 18) }
```

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