

Converting Colors

HunterLab(31.2491, 5.5766,
14.5594)

Have a look what the booklet for
HunterLab(31.2491, 5.5766,
14.5594) contains.

HunterLab(31.1756, 5.4836, 14.5848)	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(31.1756, 5.4836,
14.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	73512D
RGB	115, 81, 45
RGB Percent	45%, 32%, 18%
CMY	0.5490, 0.6823, 0.8235
CMYK	0.00, 0.30, 0.61, 0.55
HSL	31°, 44%, 31%
HSV	31°, 61%, 45%
XYZ	10.4863, 9.7192, 3.8059
YIQ	87.0620, 31.8200, -3.9880

Conversions

Conversions Part 2

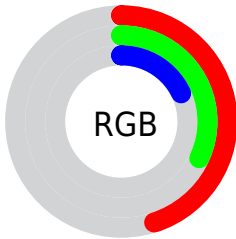
Format	Color
R_{YB}	111, 115, 45
Decimal	7557421
CIE _{Lab}	37.33, 9.92, 26.56
CIE _{LCh}	37, 28.354, 69.520
Yxy	9.7197, 0.4367, 0.4048
Android (android.graphics.Color)	4285747501 (0xFF73512D)
YUV	87.0620, -20.7366, 24.5016
Hunter-Lab	31.1756, 5.4836, 14.5848

Details

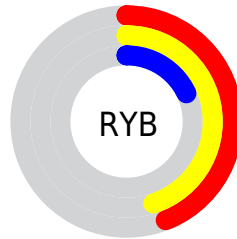
The HunterLab color **31.1756, 5.4836, 14.5848** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **27.1796, -1.7727, -18.6648**, and the grayscale version is **30.9607, -1.6520, 1.6822**.

A 20% lighter version of the original color is **50.1727, 5.6823, 19.0505**, and **15.3354, 5.1168, 9.5392** is the 20% darker color. If you saturate the color by 10%, you get **29.7431, 7.3413, 15.5140**, and if you desaturate by 10%, it is **32.6883, 3.7984, 13.3056**.

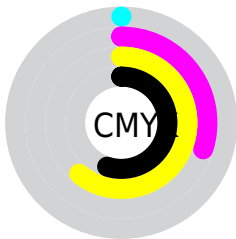
Distribution



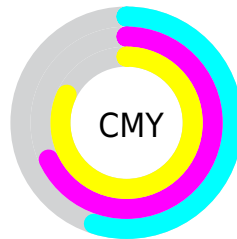
- Red (45%)
- Green (32%)
- Blue (18%)



- Red (44%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (55%)



- Cyan (55%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1756, 5.4836, 14.5848 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 31.1756, 5.4836, 14.5848 by changing the saturation by 10% instead.

■ 31.1756, 5.4836,
14.5848

■ 31.1756, 5.4836,
14.5848

137.3533, 4.0705,
33.1054

■ 22.8330, 5.2864,
12.0373

■ 50.2662, 5.5993,
19.1919

■ 15.4047, 4.9731,
9.8886

■ 60.8906, 5.5457,
21.3336

■ 9.0110, 4.5536,
6.3077

■ 72.1733, 5.4287,
23.4020

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.0778, 5.2545,
25.4138

0.0000, NaN, NaN

■ 96.5731, 5.0278,
27.3816

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.6327, 4.7528,

29.3148

0.0000, NaN, NaN

123.2330, 4.4328,
31.2208

■ 31.1756, 5.4836,
14.5848

■ 31.1756, 5.4836,
14.5848

■ 29.7431, 7.3413,
15.5140

■ 32.6883, 3.7984,
13.3056

■ 28.3940, 9.3710,
16.0752

■ 34.2734, 2.2892,
11.6983

■ 27.1342, 11.5575,
16.2631

■ 35.9263, 0.9492,
9.7882

■ 26.0537, 13.6128,
16.2925

■ 37.6421, -0.2292,
7.6010

■ 39.4162, -1.2552,
5.1612

■ 41.2442, -2.1389,
2.4917

■ 43.1223, -2.8903,
-0.3865

■ 45.0470, -3.5192,
-3.4543

■ 47.0151, -4.0352,
-6.6947

Harmonies

Analogous

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



31.1764, 14.9141, 11.3718



31.1756, 5.4836, 14.5848



31.1764, -4.8367, 15.0407

Triad

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



31.1764, 5.4821, 14.5852



31.1764, -18.7143, -1.5421



31.1764, 11.7922, -16.3516

Complementary

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



31.1756, 5.4836, 14.5848



27.1796, -1.7727, -18.6648

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.



31.1764, 1.6384, -22.8140



31.1756, 5.4836, 14.5848



31.1764, -15.3717, -12.6272

Square

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



31.1764, 5.4821, 14.5852



31.1764, -17.9628, 7.5334



31.1764, -8.2214, -21.2671



31.1764, 18.8693, -5.5448

Rectangle

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



31.1756, 5.4836, 14.5848



31.1764, -10.7345, 13.9396



31.1764, -8.2214, -21.2671



31.1764, 8.5763, -19.2395

Sweetspot

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



31.1764, 5.4821, 14.5852



50.9334, -0.6537, 9.4189



24.6999, 25.1156, -2.5582



24.6041, -0.1505, 4.9666



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.1764, 5.4821, 14.5852



39.0562, 10.8972, 21.1247



40.1195, -9.3679, 20.8884



19.9584, -0.7160, 2.3568



27.7790, 14.7298, 17.3752



59.9021, 35.7524, 37.5373

Inverse Universe

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



27.1796, -1.7727, -18.6648



32.6786, -0.1605, -32.5630



19.1639, 14.1076, -38.1251



19.6371, -1.3343, -0.2726



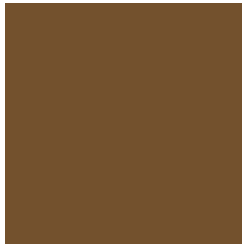
21.4221, 5.2128, -38.0287



45.4539, 15.1841, -89.5915

Previews

White Background



This preview shows how the HunterLab color 31.1756, 5.4836, 14.5848 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 31.1756, 5.4836, 14.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

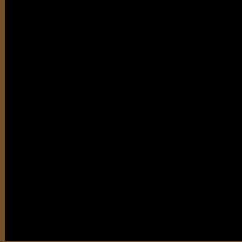
Any Text WCAG AA × Fail

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 31.1756, 5.4836, 14.5848 Background



This preview shows how black text looks on a background with the HunterLab color 31.1756, 5.4836, 14.5848.



This preview shows how white text looks on a background with the HunterLab color 31.1756, 5.4836,

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

31.1756, 5.4836, 14.5848

Protanopia

31.1866, -3.4501, 14.0439

Deuteranopia

31.1619, 1.6557, 14.6970



Tritanopia

31.2546, 11.8285, 4.3229

Trichromacy



Original Color

31.1756, 5.4836, 14.5848

Protanomaly

31.0440, 0.0127, 14.1928

Deuteranomaly

31.2216, 3.1255, 14.7682

Tritanomaly

31.0811, 9.5550, 8.5792

Monochromacy



Original Color

31.1756, 5.4836, 14.5848

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.8322, 0.1627, 7.2119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1756, 5.4836, 14.5848 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(115, 81, 45)` looks like.

```
.text, #text, p{  
    color:rgb(115, 81, 45)  
}
```

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(115, 81, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 81, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1756, 5.4836, 14.5848 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(115, 81, 45) }
```


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

```
.border{ border-color:rgb(115, 81, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 81, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 81, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 81, 45);  
box-shadow:4px 4px 4px 4px rgb(115, 81,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1756, 5.4836, 14.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 81, 45) }
```

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

```
.background{ background-color: rgb(115, 81,  
45) }
```

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