

Converting Colors

HunterLab(31.5173, -7.7590,
16.1749)

Have a look what the booklet for
HunterLab(31.5173, -7.7590,
16.1749) contains.

HunterLab(31.5521, -7.9094, 16.1674)	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(31.5521, -7.9094,
16.1674)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5C24
RGB	90, 92, 36
RGB Percent	35%, 36%, 14%
CMY	0.6471, 0.6392, 0.8588
CMYK	0.02, 0.00, 0.61, 0.64
HSL	62°, 44%, 25%
HSV	62°, 61%, 36%
XYZ	8.3621, 9.9554, 3.1499
YIQ	85.0180, 16.7840, -17.8400

Conversions

Conversions Part 2

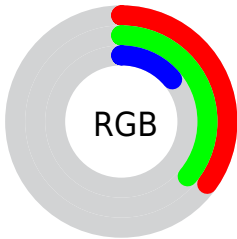
Format	Color
RYB	36, 92, 38
Decimal	5921828
CIELab	37.76, -9.36, 31.30
CIELCh	38, 32.665, 106.643
Yxy	9.9558, 0.3895, 0.4637
Android (android.graphics.Color)	4284111908 (0xFF5A5C24)
YUV	85.0180, -24.1659, 4.3692
Hunter-Lab	31.5521, -7.9094, 16.1674

Details

The HunterLab color **31.5521, -7.9094, 16.1674** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **15.6422, 10.9951, -28.5498**, and the grayscale version is **30.2283, -1.6129, 1.6424**.

A 20% lighter version of the original color is **50.7162, -9.9510, 21.5098**, and **15.7085, -5.0673, 9.5908** is the 20% darker color. If you saturate the color by 10%, you get **31.4486, -8.4504, 17.2983**, and if you desaturate by 10%, it is **31.6796, -7.2445, 14.7094**.

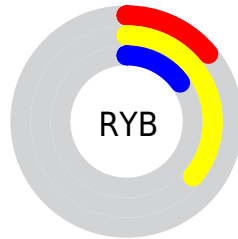
Distribution



Red (35%)

Green (36%)

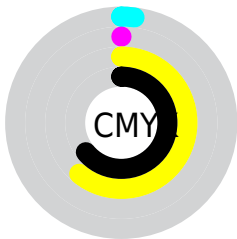
Blue (14%)



Red (14%)

Yellow (36%)

Blue (15%)

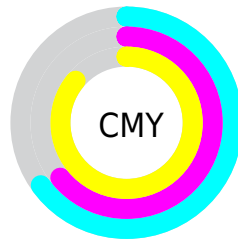


Cyan (2%)

Magenta (0%)

Yellow (61%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5521, -7.9094, 16.1674 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 31.5521, -7.9094, 16.1674 by changing the saturation by 10% instead.

■ 31.5521, -7.9094,
16.1674

■ 31.5521, -7.9094,
16.1674

■ 137.9697,
-17.8117, 37.1682

■ 23.1725, -6.8018,
13.2226

■ 50.7073, -10.0812,
21.4679

■ 15.7027, -5.6533,
10.9919

■ 61.3608, -11.1620,
23.9155

■ 9.2704, -4.8925,
6.4893

■ 72.6709, -12.2468,
26.2683

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.6013, -13.3386,
28.5465

0.0000, NaN, NaN

■ 97.1213, -14.4396,
30.7652

0.0000, NaN, NaN

■ 110.2045,

0.0000, NaN, NaN

-15.5515, 32.9360

0.0000, NaN, NaN

123.8275,
-16.6752, 35.0679

31.5521, -7.9094,
16.1674

31.5521, -7.9094,
16.1674

31.4486, -8.4504,
17.2983

31.6796, -7.2445,
14.7094

31.3655, -8.8722,
18.1222

31.8303, -6.4466,
12.9074

31.3012, -9.1874,
18.6699

32.0061, -5.5124,
10.7496

31.2481, -9.4441,
19.0896

32.2078, -4.4391,
8.2280

32.4362, -3.2250,
5.3380

■ 32.6919, -1.8700,
2.0781

■ 32.9752, -0.3748,
-1.5500

■ 33.2866, 1.2585,
-5.5420

■ 33.6260, 3.0273,
-9.8912

Harmonies

Analogous

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



31.5528, 3.7167, 16.3067



31.5521, -7.9094, 16.1674



31.5528, -16.5154, 13.2135

Triad

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



31.5528, -7.9104, 16.1677



31.5528, -15.7715, -18.2942



31.5528, 23.4985, -3.6735

Complementary

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



31.5521, -7.9094, 16.1674



15.6422, 10.9951, -28.5498

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.



31.5528, 16.5186, -16.9323



31.5521, -7.9094, 16.1674



31.5528, -6.7466, -27.2390

Square

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



31.5528, -7.9104, 16.1677



31.5528, -20.5771, -5.0933



31.5528, 5.0634, -26.6650



31.5528, 23.0650, 7.2834

Rectangle

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



31.5521, -7.9094, 16.1674



31.5528, -19.8942, 9.1179



31.5528, 5.0634, -26.6650



31.5528, 21.9024, -8.0685

Sweetspot

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



31.5528, -7.9104, 16.1677



42.6749, -5.5200, 10.0498



19.4439, 15.7418, 7.1670



21.3385, -2.9222, 5.4070



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.5528, -7.9104, 16.1677



41.5521, -11.4459, 23.4172



29.6828, -15.0156, 14.6933



16.3804, -1.4924, 2.3711



37.5820, -11.3858, 22.9585



87.8971, -26.8242, 53.6921

Inverse Universe

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



15.6422, 10.9951, -28.5498



16.6459, 20.3810, -52.5077



17.8559, 16.7441, -22.3268



15.1165, -0.1410, -0.7852



10.6934, 28.7692, -74.1467



24.8554, 67.2002, -174.9016

Previews

White Background



This preview shows how the HunterLab color 31.5521, -7.9094, 16.1674 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

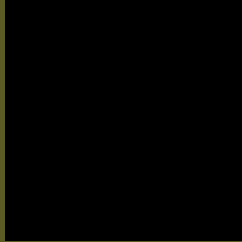
Any Text WCAG AA × Fail

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 31.5521, -7.9094, 16.1674 Background



This preview shows how black text looks on a background with the HunterLab color 31.5521, -7.9094, 16.1674.



This preview shows how white text looks on a background with the HunterLab color 31.5521, -7.9094,

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

31.5521, -7.9094, 16.1674

Protanopia

31.4941, -3.9840, 16.3432

Deuteranopia

31.5467, 1.5388, 16.0195



Tritanopia

31.5162, 2.2061, -0.0234

Trichromacy



Original Color

31.5521, -7.9094, 16.1674

Protanomaly

31.4968, -5.3416, 16.3214

Deuteranomaly

31.6174, -2.1645, 16.1624

Tritanomaly

31.3481, -2.0431, 7.6851

Monochromacy



Original Color

31.5521, -7.9094, 16.1674

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.6772, -4.6147, 8.5594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5521, -7.9094, 16.1674 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(90, 92, 36)` looks like.

```
.text, #text, p{  
    color:rgb(90, 92, 36)  
}
```

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(90, 92, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 92, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5521, -7.9094, 16.1674 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(90, 92, 36) }
```


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

```
.border{ border-color:rgb(90, 92, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 92, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 92, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 92, 36);  
box-shadow:4px 4px 4px 4px rgb(90, 92, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.5521, -7.9094, 16.1674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 92, 36) }
```

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

```
.background{ background-color: rgb(90, 92,  
36) }
```

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