

Converting Colors

HunterLab(41.6266, -21.4774,
27.0045)

Have a look what the booklet for
HunterLab(41.6266, -21.4774,
27.0045) contains.

HunterLab(41.6589, -20.7134, 25.3074)	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(41.6589,
-20.7134, 25.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7E00
RGB	95, 126, 0
RGB Percent	37%, 49%, 0%
CMY	0.6275, 0.5059, 1.0000
CMYK	0.25, 0.00, 1.00, 0.51
HSL	75°, 100%, 25%
HSV	75°, 100%, 49%
XYZ	12.1802, 17.3546, 2.7078
YIQ	102.3670, 21.9700, -45.7580

Conversions

Conversions Part 2

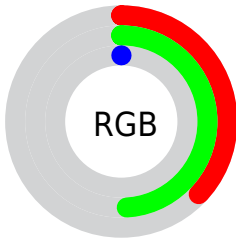
Format	Color
RYB	0, 126, 31
Decimal	6258176
CIELab	48.70, -26.82, 53.18
CIELCh	49, 59.557, 116.759
Yxy	17.3554, 0.3778, 0.5382
Android (android.graphics.Color)	4284448256 (0xFF5F7E00)
YUV	102.3670, -50.4669, -6.4609
Hunter-Lab	41.6589, -20.7134, 25.3074

Details

The HunterLab color $41.6589, -20.7134, 25.3074$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $13.4093, 34.1944, -78.4186$, and the grayscale version is $36.7690, -1.9619, 1.9977$.

A 20% lighter version of the original color is $62.4591, -25.0859, 33.3006$, and $24.1275, -15.2186, 14.6008$ is the 20% darker color. If you saturate the color by 10%, you get $41.6597, -20.7151, 25.3078$, and if you desaturate by 10%, it is $41.8961, -19.7238, 24.9506$.

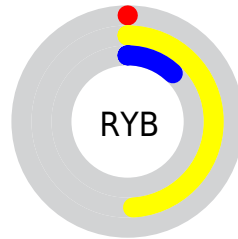
Distribution



Red (37%)

Green (49%)

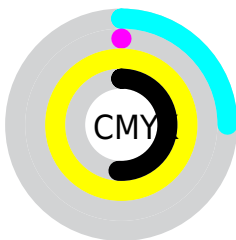
Blue (0%)



Red (0%)

Yellow (49%)

Blue (12%)

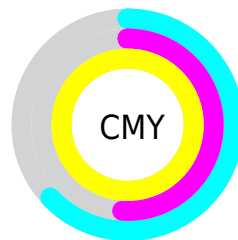


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6589, -20.7134, 25.3074 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 41.6589, -20.7134, 25.3074 by changing the saturation by 10% instead.

■ 41.6589, -20.7134,
25.3074

■ 41.6589, -20.7134,
25.3074

154.0170,
-38.4988, 56.7848

■ 32.3855, -18.4241,
20.9351

■ 62.3986, -24.9872,
33.3226

■ 23.9246, -15.9746,
16.7472

■ 73.7685, -27.0194,
37.0364

■ 16.3643, -13.2880,
11.4550

■ 85.7557, -29.0035,
40.5956

■ 9.8284, -12.4534,
6.8799

■ 98.3298, -30.9501,
44.0247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.4648,
-32.8672, 47.3434


0.0000, NaN, NaN


■ 125.1375,


0.0000, NaN, NaN


-34.7612, 50.5678


0.0000, NaN, NaN


 139.3277,
-36.6371, 53.7113


 41.6589, -20.7134,
25.3074


 41.6589, -20.7134,
25.3074


 41.6597, -20.7151,
25.3078

 41.8961, -19.7238,
24.9506

 42.1568, -18.6098,
24.3408

 42.4527, -17.3105,
23.3176

 42.7868, -15.8132,
21.8422

 43.1611, -14.1097,
19.8867

■ 43.5772, -12.1954,
17.4321

■ 44.0363, -10.0687,
14.4665

■ 44.5393, -7.7307,
10.9848

■ 45.0866, -5.1846,
6.9871

Harmonies

Analogous

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



41.6598, 0.3658, 26.4229



41.6589, -20.7134, 25.3074



41.6598, -33.7346, 19.6432

Triad

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



41.6598, -20.7145, 25.3076



41.6598, -24.2536, -52.2373



41.6598, 53.3054, -0.2417

Complementary

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



41.6589, -20.7134, 25.3074



13.4093, 34.1944, -78.4186

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.



41.6598, 42.8120, -28.9270



41.6589, -20.7134, 25.3074



41.6598, -4.7542, -67.7307

Square

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



41.6598, -20.7145, 25.3076



41.6598, -35.4365, -22.1606



41.6598, 20.1845, -57.4395



41.6598, 46.4045, 17.3730

Rectangle

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



41.6589, -20.7134, 25.3074



41.6598, -37.7739, 10.9762



41.6598, 20.1845, -57.4395



41.6598, 51.6475, -8.8537

Sweetspot

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



41.6598, -20.7145, 25.3076



58.3779, -13.5669, 19.4935



23.0970, 29.5531, 14.7490



27.7399, -6.9451, 9.9711



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.6598, -20.7145, 25.3076



55.2082, -27.7241, 33.5337



39.0589, -31.2989, 23.5196



22.2886, -2.4441, 3.2634



42.1923, -20.9905, 25.6312

0.0000, NaN, NaN

Inverse Universe

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



13.4093, 34.1944, -78.4186



17.6233, 45.2255, -105.2389



19.5008, 41.1182, -47.2802



20.6371, 0.2160, -1.1082



13.5740, 34.6303, -79.4798

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.6589, -20.7134, 25.3074 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 × Fail

Black Background



This preview shows how the HunterLab color 41.6589, -20.7134, 25.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

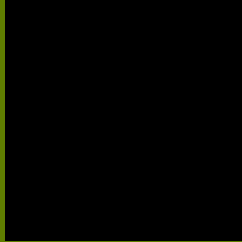
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.6589, -20.7134, 25.3074 Background



This preview shows how black text looks on a background with the HunterLab color 41.6589, -20.7134, 25.3074.



This preview shows how white text looks on a background with the HunterLab color 41.6589,

-20.7134, 25.3074.

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

41.6589, -20.7134, 25.3074

Protanopia

41.5170, -6.2227, 25.4736

Deuteranopia

41.6230, 2.5715, 24.5382



Tritanopia

41.5850, -3.7901, -2.5844

Trichromacy



Original Color

41.6589, -20.7134, 25.3074

Protanomaly

41.4908, -12.1524, 25.3537

Deuteranomaly

41.2763, -7.0024, 24.6625

Tritanomaly

41.0328, -12.4539, 14.0999

Monochromacy



Original Color

41.6589, -20.7134, 25.3074

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.9515, -10.9899, 15.3803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6589, -20.7134, 25.3074 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(95, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 126, 0)  
}
```

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(95, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 126, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6589, -20.7134, 25.3074 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(95, 126, 0) }
```


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

```
.border{ border-color:rgb(95, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 126, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.6589, -20.7134, 25.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 126, 0) }
```

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

```
.background{ background-color: rgb(95, 126,  
0) }
```

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