

Converting Colors

HunterLab(61.4629, -44.5824,
32.7515)

Have a look what the booklet for
HunterLab(61.4629, -44.5824,
32.7515) contains.

HunterLab(61.4574, -44.5913, 32.6924)	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(61.4574,
-44.5913, 32.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABC3E
RGB	74, 188, 62
RGB Percent	29%, 74%, 24%
CMY	0.7098, 0.2627, 0.7568
CMYK	0.61, 0.00, 0.67, 0.26
HSL	114°, 50%, 49%
HSV	114°, 67%, 74%
XYZ	21.6768, 37.7701, 10.7053
YIQ	139.5500, -27.4980, -63.3540

Conversions

Conversions Part 2

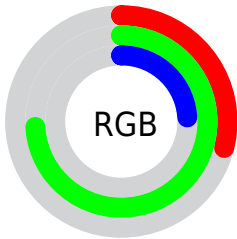
Format	Color
RYB	62, 188, 176
Decimal	4897854
CIELab	67.85, -55.94, 52.26
CIElCh	68, 76.556, 136.949
Yxy	37.7717, 0.3090, 0.5384
Android (android.graphics.Color)	4283087934 (0xFF4ABC3E)
YUV	139.5500, -38.2322, -57.4874
Hunter-Lab	61.4574, -44.5913, 32.6924

Details

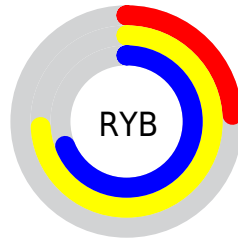
The HunterLab color **61.4574, -44.5913, 32.6924** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **40.3828, 56.2188, -43.9877**, and the grayscale version is **51.1876, -2.7312, 2.7811**.

A 20% lighter version of the original color is **84.6233, -51.9499, 39.8709**, and **40.9574, -35.1209, 24.6229** is the 20% darker color. If you saturate the color by 10%, you get **60.8387, -47.4636, 34.4111**, and if you desaturate by 10%, it is **62.2767, -40.8326, 30.2850**.

Distribution



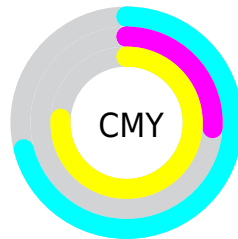
- Red (29%)
- Green (74%)
- Blue (24%)



- Red (24%)
- Yellow (74%)
- Blue (69%)



- Cyan (61%)
- Magenta (0%)
- Yellow (67%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4574, -44.5913, 32.6924 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 61.4574, -44.5913, 32.6924 by changing the saturation by 10% instead.

■ 61.4574, -44.5913,
32.6924

■ 61.4574, -44.5913,
32.6924

183.4774,
-74.4406, 61.7676

■ 50.7992, -40.6341,
28.8391

■ 84.7101, -51.9538,
39.8788

■ 40.8390, -36.4255,
24.7661

■ 97.2353, -55.4238,
43.2657

■ 31.6312, -31.8904,
20.4381

■ 110.3234,
-58.7844, 46.5433

■ 23.2433, -26.9146,
16.2703

■ 123.9511,
-62.0529, 49.7277

■ 15.7649, -21.7824,
11.0354

■ 138.0979,
-65.2426, 52.8323

■ 9.3234, -16.3160,
6.5264

152.7453,

0.0000, NaN, NaN

-68.3647, 55.8679

0.0000, NaN, NaN

167.8768,
-71.4282, 58.8438

0.0000, NaN, NaN

■ 61.4574, -44.5913,
32.6924

■ 61.4574, -44.5913,
32.6924

■ 60.8387, -47.4636,
34.4111

■ 62.2767, -40.8326,
30.2850

■ 60.4039, -49.4790,
35.4844

■ 63.3008, -36.1850,
27.1732

■ 60.1349, -50.7158,
36.0083

■ 64.5353, -30.6774,
23.3665

■ 60.0796, -50.9723,
36.1284

■ 65.9807, -24.3596,
18.8940

■ 67.6349, -17.2974,
13.7993

■ 69.4931, -9.5667,
8.1362

■ 71.5489, -1.2480,
1.9638

■ 73.7943, 7.5786,
-4.6570

■ 76.2204, 16.8360,
-11.6666

Harmonies

Analogous

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



61.4587, -21.4295, 38.2535



61.4574, -44.5913, 32.6924



61.4587, -55.4260, 15.9446

Triad

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



61.4587, -44.5923, 32.6927



61.4587, -17.5408, -95.1755



61.4587, 73.8059, 19.0288

Complementary

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



61.4574, -44.5913, 32.6924



40.3828, 56.2188, -43.9877

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.



61.4587, 75.4979, -12.6580



61.4574, -44.5913, 32.6924



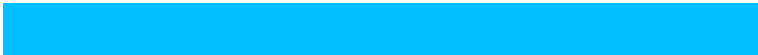
61.4587, 17.2496, -92.6420

Square

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



61.4587, -44.5923, 32.6927



61.4587, -42.2885, -62.8335



61.4587, 53.0152, -57.1094



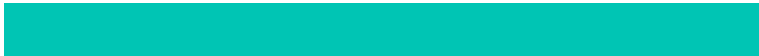
61.4587, 48.8037, 33.8798

Rectangle

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



61.4574, -44.5913, 32.6924



61.4587, -56.1937, -4.7788



61.4587, 53.0152, -57.1094



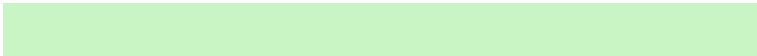
61.4587, 77.2862, 10.4925

Sweetspot

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



61.4587, -44.5923, 32.6927



90.2832, -26.5354, 20.9338



64.6970, -11.0859, 35.4948



41.5756, -13.5489, 10.6052



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.4587, -44.5923, 32.6927



81.6211, -65.1966, 47.0457



61.7828, -41.9061, 22.5125



32.6985, -5.4124, 4.5025



49.5882, -41.9932, 29.8208



9.8894, -7.9916, 5.9539

Inverse Universe

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



40.3828, 56.2188, -43.9877



49.9674, 87.4586, -69.9930



39.9513, 50.8161, -9.9536



31.0626, 2.1740, -1.1916



28.8374, 57.9571, -47.8160



5.8251, 11.6379, -9.1218

Previews

White Background



This preview shows how the HunterLab color 61.4574, -44.5913, 32.6924 looks on a white 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

Black Background



This preview shows how the HunterLab color 61.4574, -44.5913, 32.6924 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 ✓ Pass

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

HunterLab 61.4574, -44.5913, 32.6924 Background



This preview shows how black text looks on a background with the HunterLab color 61.4574, -44.5913, 32.6924.



This preview shows how white text looks on a background with the HunterLab color 61.4574, -44.5913, 32.6924.

-44.5913, 32.6924.

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

61.4574, -44.5913, 32.6924

Protanopia

60.8496, -7.4637, 33.7191

Deuteranopia

60.7902, 4.3745, 31.3874



Tritanopia

61.3612, -18.9101, -9.5915

Trichromacy



Original Color

61.4574, -44.5913, 32.6924



Protanomaly

60.1015, -24.3679, 32.6587



Deuteranomaly

59.5843, -18.0333, 30.7974



Tritanomaly

60.7462, -30.8086, 11.5285

Monochromacy



Original Color

61.4574, -44.5913, 32.6924



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

53.8487, -20.6985, 15.9407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4574, -44.5913, 32.6924 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(74, 188, 62)` looks like.

```
.text, #text, p{  
    color:rgb(74, 188, 62)  
}
```

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(74, 188, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 188, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4574, -44.5913, 32.6924 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(74, 188, 62) }
```


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

```
.border{ border-color:rgb(74, 188, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 188, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 188, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 188, 62);  
box-shadow:4px 4px 4px 4px rgb(74, 188,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.4574, -44.5913, 32.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 188, 62) }
```

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

```
.background{ background-color: rgb(74, 188,  
62) }
```

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