

# Converting Colors

HunterLab(27.9326, 12.5253,  
-44.9975)

Have a look what the booklet for  
HunterLab(27.9326, 12.5253,  
-44.9975) contains.

<b>HunterLab(28.0004, 12.1944, -44.5285)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(28.0004, 12.1944,  
-44.5285)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	384997
RGB	56, 73, 151
RGB Percent	22%, 29%, 59%
CMY	0.7804, 0.7137, 0.4078
CMYK	0.63, 0.52, 0.00, 0.41
HSL	229°, 46%, 41%
HSV	229°, 63%, 59%
XYZ	9.5994, 7.8402, 30.2856
YIQ	76.8090, -35.1700, 20.6540

# Conversions

## Conversions Part 2

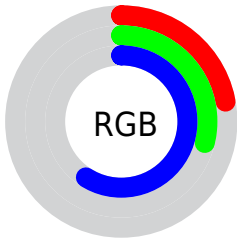
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 70, 151
Decimal	3688855
CIE <sub>Lab</sub>	33.65, 18.85, -44.95
CIE <sub>LCh</sub>	34, 48.745, 292.748
Yxy	7.8405, 0.2011, 0.1643
Android (android.graphics.Color)	4281878935 (0xFF384997)
YUV	76.8090, 36.5762, -18.2495
Hunter-Lab	28.0004, 12.1944, -44.5285

# Details

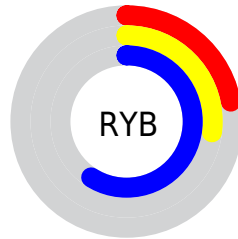
The HunterLab color **28.0004, 12.1944, -44.5285** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **48.9045, -5.2751, 25.5057**, and the grayscale version is **27.0562, -1.4437, 1.4700**.

A 20% lighter version of the original color is **46.4497, 13.4784, -45.6762**, and **13.5255, 12.1794, -43.1977** is the 20% darker color. If you saturate the color by 10%, you get **24.4929, 16.4911, -55.4931**, and if you desaturate by 10%, it is **31.8402, 8.5943, -34.7493**.

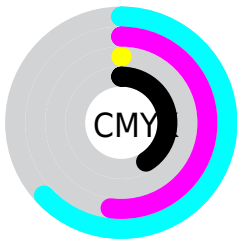
# Distribution



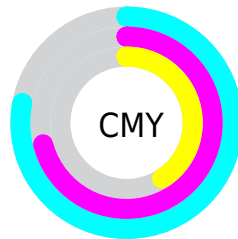
- Red (22%)
- Green (29%)
- Blue (59%)



- Red (22%)
- Yellow (27%)
- Blue (59%)



- Cyan (63%)
- Magenta (52%)
- Yellow (0%)
- Black (41%)



- Cyan (78%)
- Magenta (71%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0004, 12.1944, -44.5285 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 28.0004, 12.1944, -44.5285 by changing the saturation by 10% instead.



■ 28.0004, 12.1944,  
-44.5285

■ 28.0004, 12.1944,  
-44.5285

■ 132.0891, 14.6632,  
-50.0442

■ 19.9826, 11.4327,  
-44.7656

■ 46.5243, 13.3354,  
-45.4003

■ 12.9216, 10.5110,  
-46.3300

■ 56.8956, 13.7489,  
-46.0696

■ 6.3553, 12.5840,  
-57.7504

■ 67.9402, 14.0748,  
-46.7783

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.6193, 14.3226,  
-47.4891

0.0000, NaN, NaN

■ 91.9002, 14.4997,  
-48.1807

0.0000, NaN, NaN

104.7547, 14.6122,

0.0000, NaN, NaN

-48.8412

0.0000, NaN, NaN

118.1582, 14.6653,  
-49.4636

■ 28.0004, 12.1944,  
-44.5285

■ 28.0004, 12.1944,  
-44.5285

■ 24.4929, 16.4911,  
-55.4931

■ 31.8402, 8.5943,  
-34.7493

■ 21.4057, 21.5153,  
-67.5292

■ 35.9446, 5.5849,  
-26.0475

■ 18.8508, 27.0934,  
-79.9971

■ 40.2654, 3.0547,  
-18.2470

■ 17.3751, 31.0099,  
-88.6588

■ 44.7670, 0.9066,  
-11.1756

■ 49.4229, -0.9380,  
-4.6860

■ 54.2130, -2.5403,  
1.3411

■ 59.1219, -3.9478,  
6.9999

■ 64.1371, -5.1973,  
12.3643

■ 69.2489, -6.3171,  
17.4925

# Harmonies

## Analogous

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



28.0008, -5.4767, -49.6722



28.0004, 12.1944, -44.5285



28.0008, 29.3118, -24.3521

# Triad

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



28.0008, 12.1950, -44.5277



28.0008, 20.9884, 16.6464



28.0008, -26.9699, 5.1488

# Complementary

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



28.0004, 12.1944, -44.5285



48.9045, -5.2751, 25.5057

# 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.



28.0008, -22.9332, 14.5138



28.0004, 12.1944, -44.5285



28.0008, 2.7212, 18.1706

# Square

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



28.0008, 12.1950, -44.5277



28.0008, 35.1706, 11.0287



28.0008, -12.9749, 17.6670



28.0008, -25.5845, -13.2390



# Rectangle

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



28.0004, 12.1944, -44.5285



28.0008, 36.7391, -9.2680



28.0008, -12.9749, 17.6670



28.0008, -26.2426, 9.2229

# Sweetspot

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



28.0008, 12.1950, -44.5277



62.0861, 0.3001, -11.8098



49.6829, -25.9683, 3.4251



28.8192, 0.4676, -6.7516



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



28.0008, 12.1950, -44.5277



31.2215, 24.3750, -79.9067



26.5439, 26.4853, -48.5779



24.8922, -0.7551, -1.1786



16.1246, 28.2578, -81.1548



2.7917, 1.2401, -6.1665



# Inverse Universe

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



31.4472, 32.2650, 8.0581



38.0797, 51.6878, 13.8835



51.4568, -21.8697, 27.0129



24.9797, 0.9590, 1.5700



23.8071, 41.0669, 13.0853



2.9779, 5.2676, 0.6230



# Previews

## White Background



This preview shows how the HunterLab color 28.0004, 12.1944, -44.5285 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 28.0004, 12.1944, -44.5285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

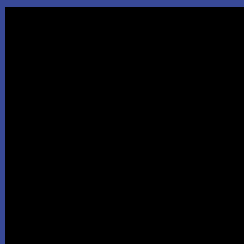
Any Text WCAG AA × Fail

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 28.0004, 12.1944, -44.5285 Background



This preview shows how black text looks on a background with the HunterLab color 28.0004, 12.1944, -44.5285.



This preview shows how white text looks on a background with the HunterLab color 28.0004, 12.1944, -44.5285.



# 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

28.0004, 12.1944, -44.5285

### Protanopia

27.9763, 8.8855, -48.3255

### Deuteranopia

27.9427, 0.6088, -36.2401



## Tritanopia

27.9843, -11.7888, -5.3988

# Trichromacy



## Original Color

28.0004, 12.1944, -44.5285

## Protanomaly

27.9578, 9.9650, -47.4318

## Deuteranomaly

27.6439, 4.0791, -40.3491

## Tritanomaly

27.6540, -4.2482, -17.8089

# Monochromacy



## Original Color

28.0004, 12.1944, -44.5285

## Achromatopsia

27.2422, -1.4536, 1.4801

## Achromatomaly

27.2646, 1.6339, -11.6514

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.0004, 12.1944, -44.5285 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(56, 73, 151)` looks like.

```
.text, #text, p{  
    color:rgb(56, 73, 151)  
}
```

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(56, 73, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 73, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.0004, 12.1944, -44.5285 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(56, 73, 151) }
```



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

```
.border{ border-color:rgb(56, 73, 151) }
```

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

Here you see how a box with a 4 pixel rgb(56, 73, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 73, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 73, 151);  
box-shadow:4px 4px 4px 4px rgb(56, 73,  
151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.0004, 12.1944, -44.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 73, 151) }
```

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

```
.background{ background-color: rgb(56, 73,  
151) }
```

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