

Converting Colors

HunterLab(28.5001, 9.0744,
-14.7048)

Have a look what the booklet for
HunterLab(28.5001, 9.0744,
-14.7048) contains.

HunterLab(28.5736, 9.0550, -14.6517)	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(28.5736, 9.0550,
-14.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	584A71
RGB	88, 74, 113
RGB Percent	35%, 29%, 44%
CMY	0.6549, 0.7098, 0.5569
CMYK	0.22, 0.35, 0.00, 0.56
HSL	262°, 21%, 37%
HSV	262°, 35%, 44%
XYZ	9.4539, 8.1645, 16.7004
YIQ	82.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

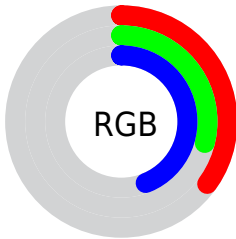
Format	Color
R_{YB}	88, 74, 113
Decimal	5786225
CIE _{Lab}	34.32, 14.75, -20.29
CIE _{LCh}	34, 25.090, 306.020
Yxy	8.1648, 0.2755, 0.2379
Android (android.graphics.Color)	4283976305 (0xFF584A71)
YUV	82.6320, 14.9714, 4.7077
Hunter-Lab	28.5736, 9.0550, -14.6517

Details

The HunterLab color $28.5736, 9.0550, -14.6517$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $38.6749, -10.9719, 13.7069$, and the grayscale version is $29.2261, -1.5594, 1.5879$.

A 20% lighter version of the original color is $47.2985, 9.7710, -15.3060$, and $13.3477, 7.8390, -13.8523$ is the 20% darker color. If you saturate the color by 10%, you get $25.4027, 12.5629, -20.5910$, and if you desaturate by 10%, it is $31.9107, 5.6749, -9.2648$.

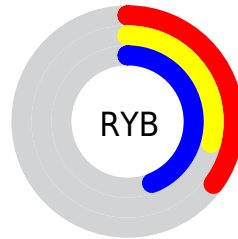
Distribution



Red (35%)

Green (29%)

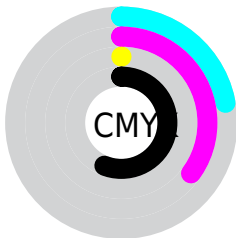
Blue (44%)



Red (35%)

Yellow (29%)

Blue (44%)

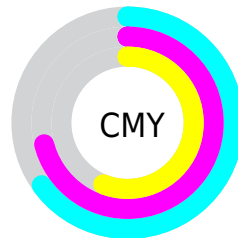


Cyan (22%)

Magenta (35%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (71%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5736, 9.0550, -14.6517 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 28.5736, 9.0550, -14.6517 by changing the saturation by 10% instead.

■ 28.5736, 9.0550,
-14.6517

■ 28.5736, 9.0550,
-14.6517

■ 133.0486, 9.8191,
-16.2345

■ 20.4954, 8.5336,
-14.1812

■ 47.2027, 9.7516,
-15.4347

■ 13.3656, 7.8648,
-13.7240

■ 57.6209, 9.9607,
-15.7288

■ 6.9186, 8.9231,
-14.9181

■ 68.7095, 10.0920,
-15.9579

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.4302, 10.1538,
-16.1247

0.0000, NaN, NaN

■ 92.7507, 10.1525,
-16.2326

0.0000, NaN, NaN

105.6430, 10.0935,

0.0000, NaN, NaN

-16.2849

0.0000, NaN, NaN

119.0827, 9.9811,
-16.2846

■ 28.5736, 9.0550,
-14.6517

■ 28.5736, 9.0550,
-14.6517

■ 25.4027, 12.5629,
-20.5910

■ 31.9107, 5.6749,
-9.2648

■ 22.4317, 16.1994,
-27.1876

■ 35.3860, 2.4089,
-4.3297

■ 19.7088, 19.9224,
-34.5051

■ 38.9802, -0.7629,
0.2432

■ 17.2972, 23.6023,
-42.4794

■ 42.6782, -3.8592,
4.5267

■ 15.2749, 26.9540,
-50.7568

■ 46.4681, -6.8964,
8.5790

■ 13.6908, 29.6270,
-58.7022

■ 50.3406, -9.8882,
12.4462

■ 12.8638, 31.2977,
-63.5325

■ 54.2881, -12.8459,
16.1648

■ 58.3042, -15.7786,
19.7635

■ 62.3839, -18.6936,
23.2653

Harmonies

Analogous

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



28.5742, 0.2595, -19.3743



28.5736, 9.0550, -14.6517



28.5742, 15.5257, -5.7428

Triad

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



28.5742, 9.0545, -14.6510



28.5742, 5.6372, 12.6538



28.5742, -16.4051, -0.1742

Complementary

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



28.5736, 9.0550, -14.6517



38.6749, -10.9719, 13.7069

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.



28.5742, -15.3293, 7.3248



28.5736, 9.0550, -14.6517



28.5742, -3.2690, 13.3318

Square

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



28.5742, 9.0545, -14.6510



28.5742, 13.3926, 9.4563



28.5742, -10.7611, 11.7073



28.5742, -13.8991, -9.5461

Rectangle

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



28.5736, 9.0550, -14.6517



28.5742, 17.2664, 0.4221



28.5742, -10.7611, 11.7073



28.5742, -16.4459, 2.6440

Sweetspot

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



28.5742, 9.0545, -14.6510



49.3753, 1.4081, -3.1435



34.1152, -5.8094, -6.2316



23.4977, 0.8965, -1.8297



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



28.5742, 9.0545, -14.6510



34.9953, 15.6610, -25.5587



30.3730, 14.4970, -11.5274



18.3121, 0.3176, -0.8658



13.6620, 33.2955, -67.9062



29.7500, 73.5925, -156.3151

Inverse Universe

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



30.5113, 13.9489, -3.8938



38.2820, 23.4572, -6.6402



37.4217, -15.7037, 12.5191



18.5314, 0.9559, 0.2356



21.2503, 38.9016, -5.7251



47.2501, 86.1824, -10.2829

Previews

White Background



This preview shows how the HunterLab color 28.5736, 9.0550, -14.6517 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 28.5736, 9.0550, -14.6517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

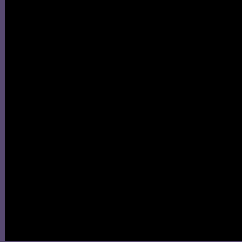
Any Text WCAG AA × Fail

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 28.5736, 9.0550, -14.6517 Background



This preview shows how black text looks on a background with the HunterLab color 28.5736, 9.0550, -14.6517.



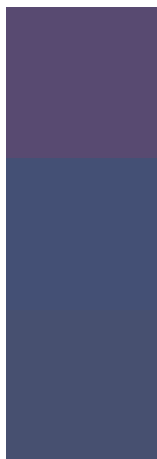
This preview shows how white text looks on a background with the HunterLab color 28.5736, 9.0550,

-14.6517.

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

28.5736, 9.0550, -14.6517

Protanopia

28.7239, 2.3279, -16.9983

Deuteranopia

28.7172, 1.9067, -13.9202



Tritanopia

28.4655, 0.6208, -0.7866

Trichromacy



Original Color

28.5736, 9.0550, -14.6517

Protanomaly

28.6454, 4.5721, -16.4680

Deuteranomaly

28.6294, 4.2016, -14.0312

Tritanomaly

28.4316, 3.6818, -5.4933

Monochromacy



Original Color

28.5736, 9.0550, -14.6517

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.1149, 1.9913, -3.5897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5736, 9.0550, -14.6517 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(88, 74, 113)` looks like.

```
.text, #text, p{  
    color:rgb(88, 74, 113)  
}
```

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(88, 74, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 74, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5736, 9.0550, -14.6517 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(88, 74, 113) }
```


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

```
.border{ border-color:rgb(88, 74, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 74, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 74, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 74, 113);  
box-shadow:4px 4px 4px 4px rgb(88, 74,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.5736, 9.0550, -14.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 74, 113) }
```

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

```
.background{ background-color: rgb(88, 74,  
113) }
```

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