

Converting Colors

HunterLab(27.0221, 26.5936,
-46.1934)

Have a look what the booklet for
HunterLab(27.0221, 26.5936,
-46.1934) contains.

HunterLab(27.0221, 26.5936, -46.1934)	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(27.0221, 26.5936,
-46.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3996
RGB	90, 57, 150
RGB Percent	35%, 22%, 59%
CMY	0.6470, 0.7765, 0.4118
CMYK	0.40, 0.62, 0.00, 0.41
HSL	261°, 45%, 41%
HSV	261°, 62%, 59%
XYZ	11.1846, 7.3019, 29.6741
YIQ	77.4690, -10.1850, 35.9190

Conversions

Conversions Part 2

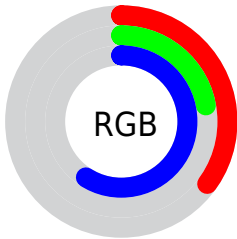
Format	Color
R_{YB}	90, 57, 150
Decimal	5912982
CIE _{Lab}	32.49, 36.03, -46.07
CIE _{LCh}	32, 58.491, 308.027
Yxy	7.3022, 0.2322, 0.1516
Android (android.graphics.Color)	4284103062 (0xFF5A3996)
YUV	77.4690, 35.7578, 10.9897
Hunter-Lab	27.0221, 26.5936, -46.1934

Details

The HunterLab color $[27.0221, 26.5936, -46.1934]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[50.8823, -22.4571, 26.4496]$, and the grayscale version is $[27.2894, -1.4561, 1.4827]$.

A 20% lighter version of the original color is $[45.4369, 29.2076, -46.8577]$, and $[12.1408, 23.4594, -48.5387]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.6172, 31.7479, -57.3291]$, and if you desaturate by 10%, it is $[30.8675, 21.4050, -36.0281]$.

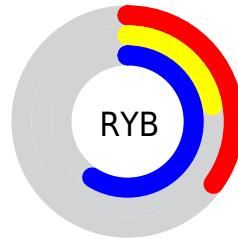
Distribution



Red (35%)

Green (22%)

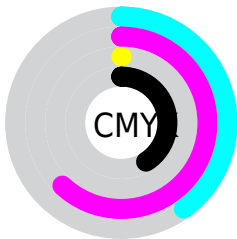
Blue (59%)



Red (35%)

Yellow (22%)

Blue (59%)

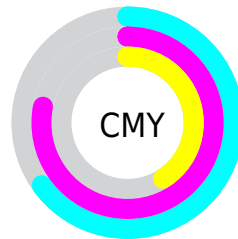


Cyan (40%)

Magenta (62%)

Yellow (0%)

Black (41%)



Cyan (65%)

Magenta (78%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.0221, 26.5936, -46.1934 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 27.0221, 26.5936, -46.1934 by changing the saturation by 10% instead.

27.0221, 26.5936,
-46.1934

27.0221, 26.5936,
-46.1934

130.4421, 35.5777,
-51.6602

19.1097, 25.0278,
-46.6327

45.3636, 29.3404,
-46.9286

12.1686, 23.3821,
-48.6740

55.6538, 30.5258,
-47.5832

5.2452, 30.9088,
-69.1823

66.6222, 31.5986,
-48.2933

0.0000, INF, -NF

0.0000, NaN, -NF

78.2293, 32.5685,
-49.0153

0.0000, NaN, NaN

90.4417, 33.4443,
-49.7244

0.0000, NaN, NaN

103.2307, 34.2334,

0.0000, NaN, NaN

-50.4065

0.0000, NaN, NaN

116.5715, 34.9426,
-51.0533

■ 27.0221, 26.5936,
-46.1934

■ 27.0221, 26.5936,
-46.1934

■ 23.6172, 31.7479,
-57.3291

■ 30.8675, 21.4050,
-36.0281

■ 20.7660, 36.4643,
-68.9491

■ 35.0607, 16.3557,
-26.9041

■ 18.5908, 40.0463,
-79.8660

■ 39.5340, 11.4958,
-18.7116

■ 17.2195, 42.2765,
-88.0000

■ 44.2374, 6.8201,
-11.2943

■ 49.1339, 2.3037,
-4.5022

■ 54.1959, -2.0828,
1.7923

■ 59.4022, -6.3666,
7.6921

■ 64.7365, -10.5709,
13.2786

■ 70.1858, -14.7152,
18.6156

Harmonies

Analogous

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



27.0226, 4.1450, -65.7116



27.0221, 26.5936, -46.1934



27.0226, 44.3211, -16.1302

Triad

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



27.0226, 26.5938, -46.1924



27.0226, 14.5206, 18.6448



27.0226, -29.9723, -4.1585

Complementary

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



27.0221, 26.5936, -46.1934



50.8823, -22.4571, 26.4496

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.



27.0226, -28.6773, 11.8981



27.0221, 26.5936, -46.1934



27.0226, -6.6114, 18.9158

Square

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



27.0226, 26.5938, -46.1924



27.0226, 36.0550, 15.7027



27.0226, -21.3033, 17.3918



27.0226, -25.5718, -32.2075

Rectangle

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



27.0221, 26.5936, -46.1934



27.0226, 48.7916, 0.1798



27.0226, -21.3033, 17.3918



27.0226, -30.1568, 2.7013

Sweetspot

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



27.0226, 26.5938, -46.1924



60.4513, 7.4663, -12.5625



39.8745, -8.8708, -18.4888



27.6737, 4.2569, -7.0505



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



27.0226, 26.5938, -46.1924



29.9723, 44.4474, -81.4833



32.1976, 38.6199, -32.6174



23.9314, 0.5020, -1.2736



15.7350, 38.5529, -79.8024



2.1380, 4.7068, -6.7229

Inverse Universe

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



32.7029, 36.9342, -9.7134



39.6709, 57.9353, -13.3249



48.4211, -32.2427, 24.5324



24.2376, 1.3949, 0.2426



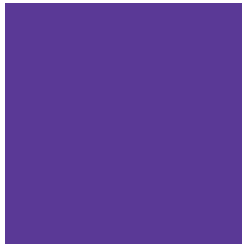
24.6906, 45.1933, -6.6034



2.8327, 5.3601, -2.1158

Previews

White Background



This preview shows how the HunterLab color 27.0221, 26.5936, -46.1934 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 27.0221, 26.5936, -46.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

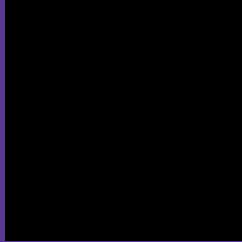
Any Text WCAG AA × Fail

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 27.0221, 26.5936, -46.1934 Background



This preview shows how black text looks on a background with the HunterLab color 27.0221, 26.5936, -46.1934.



This preview shows how white text looks on a background with the HunterLab color 27.0221, 26.5936, -46.1934.

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

27.0221, 26.5936, -46.1934

Protanopia

27.0774, 8.8762, -53.0056

Deuteranopia

26.9350, 0.8422, -35.4843



Tritanopia

26.9987, -0.6540, -1.3465

Trichromacy



Original Color

27.0221, 26.5936, -46.1934

Protanomaly

26.0589, 12.8061, -53.2764

Deuteranomaly

25.8005, 8.1204, -42.7688

Tritanomaly

26.5014, 8.1141, -14.6477

Monochromacy



Original Color

27.0221, 26.5936, -46.1934

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.7836, 7.5679, -12.3553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.0221, 26.5936, -46.1934 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, 57, 150)` looks like.

```
.text, #text, p{  
    color:rgb(90, 57, 150)  
}
```

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, 57, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 57, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 27.0221, 26.5936, -46.1934 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, 57, 150) }
```


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

```
.border{ border-color:rgb(90, 57, 150) }
```

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

Here you see how a box with a 4 pixel rgb(90, 57, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 57, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 57, 150);  
box-shadow:4px 4px 4px 4px rgb(90, 57,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.0221, 26.5936, -46.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 57, 150) }
```

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

```
.background{ background-color: rgb(90, 57,  
150) }
```

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