

Converting Colors

HunterLab(29.6469, -27.9686,
-38.7549)

Have a look what the booklet for
HunterLab(29.6469, -27.9686,
-38.7549) contains.

HunterLab(34.7427, -7.4947, -27.2464)	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(34.7427, -7.4947,
-27.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	006895
RGB	0, 104, 149
RGB Percent	0%, 41%, 58%
CMY	0.9999, 0.5922, 0.4157
CMYK	1.00, 0.30, 0.00, 0.42
HSL	198°, 100%, 29%
HSV	198°, 100%, 58%
XYZ	10.3751, 12.0706, 30.2168
YIQ	78.0340, -76.4290, -8.0530

Conversions

Conversions Part 2

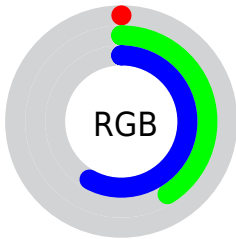
Format	Color
RYB	0, 61, 149
Decimal	26773
CIELab	41.33, -8.14, -31.61
CIELCh	41, 32.645, 255.552
Yxy	12.0709, 0.1970, 0.2292
Android (android.graphics.Color)	4278216853 (0xFF006895)
YUV	78.0340, 34.9862, -68.4358
Hunter-Lab	34.7427, -7.4947, -27.2464

Details

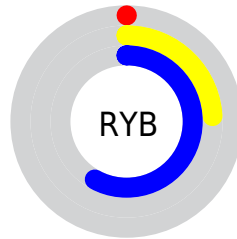
The HunterLab color **34.7427, -7.4947, -27.2464** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **28.7544, 32.4531, 18.2851**, and the grayscale version is **27.5145, -1.4681, 1.4949**.

A 20% lighter version of the original color is **54.3999, -9.6636, -28.2270**, and **19.5143, -0.6009, -23.0940** is the 20% darker color. If you saturate the color by 10%, you get **34.7410, -7.4920, -27.2502**, and if you desaturate by 10%, it is **36.1969, -8.9207, -24.4264**.

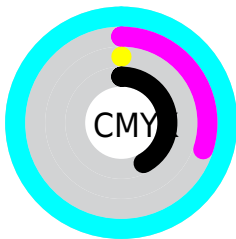
Distribution



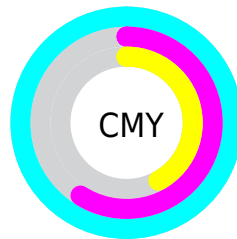
- Red (0%)
- Green (41%)
- Blue (58%)



- Red (0%)
- Yellow (24%)
- Blue (58%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7427, -7.4947, -27.2464 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 34.7427, -7.4947, -27.2464 by changing the saturation by 10% instead.

34.7427, -7.4947,
-27.2464

34.7427, -7.4947,
-27.2464

143.1344,
-16.8694, -31.1793

26.0615, -6.4792,
-26.6882

54.4282, -9.5124,
-28.4258

18.2548, -5.4442,
-26.2978

65.3203, -10.5280,
-28.9721

11.4351, -4.3632,
-26.4341

76.8554, -11.5529,
-29.4710

3.8352, -6.7117,
-46.2325

88.9993, -12.5890,
-29.9179

0.0000, NaN, -NF

0.0000, NaN, NaN

101.7230,
-13.6379, -30.3115

0.0000, NaN, NaN

115.0012,

0.0000, NaN, NaN

-14.7005, -30.6522

0.0000, NaN, NaN

128.8115,
-15.7775, -30.9410

■ 34.7427, -7.4947,
-27.2464

■ 34.7427, -7.4947,
-27.2464

■ 34.7410, -7.4920,
-27.2502

■ 36.1969, -8.9207,
-24.4264

■ 37.7546, -9.9951,
-21.5636

■ 39.4483, -10.5955,
-18.6133

■ 41.2782, -10.7206,
-15.5935

■ 43.2408, -10.3868,
-12.5246

■ 45.3307, -9.6215,
-9.4259

■ 47.5414, -8.4573,
-6.3140

■ 49.8656, -6.9295,
-3.2023

■ 52.2962, -5.0731,
-0.1008

Harmonies

Analogous

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



34.7433, -16.7480, -18.0082



34.7427, -7.4947, -27.2464



34.7433, 4.6324, -27.0528

Triad

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



34.7433, -7.4943, -27.2457



34.7433, 23.6363, 7.3375



34.7433, -17.0098, 14.1314

Complementary

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



34.7427, -7.4947, -27.2464



28.7544, 32.4531, 18.2851

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.



34.7433, -7.9001, 17.2110



34.7427, -7.4947, -27.2464



34.7433, 16.0634, 14.3094

Square

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



34.7433, -7.4943, -27.2457



34.7433, 23.7845, -4.1228



34.7433, 4.1671, 17.2625



34.7433, -21.7076, 6.9914

Rectangle

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



34.7427, -7.4947, -27.2464



34.7433, 12.7979, -21.4826



34.7433, 4.1671, 17.2625



34.7433, -14.4224, 15.5484

Sweetspot

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



34.7433, -7.4943, -27.2457



63.4320, -11.4298, -8.7098



46.5645, -38.4923, 24.8942



29.3250, -5.6820, -4.8455



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.



34.7433, -7.4943, -27.2457



46.1379, -9.4942, -37.1731



17.5770, 29.0030, -84.5740



25.0390, -2.3440, 0.0681



31.9555, -6.9989, -24.8331



4.2059, -1.7092, -1.5673

Inverse Universe

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



27.1839, 50.2251, -10.9357



36.3312, 67.0532, -14.0034



44.3082, -0.9319, 27.2853



24.2480, 1.4509, 0.0943



24.9484, 46.1178, -10.1801



2.8534, 5.4333, -2.3943

Previews

White Background



This preview shows how the HunterLab color 34.7427, -7.4947, -27.2464 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 34.7427, -7.4947, -27.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

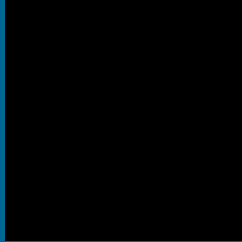
Any Text WCAG AA × Fail

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 34.7427, -7.4947, -27.2464 Background



This preview shows how black text looks on a background with the HunterLab color 34.7427, -7.4947, -27.2464.



This preview shows how white text looks on a background with the HunterLab color 34.7427, -7.4947, -27.2464.

-27.2464.

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

34.7427, -7.4947, -27.2464

Protanopia

34.8031, 3.4361, -22.0910

Deuteranopia

34.7647, 2.7599, -28.4627



Tritanopia

34.6209, -16.6849, -7.2553

Trichromacy



Original Color

34.7427, -7.4947, -27.2464

Protanomaly

34.2025, -2.5043, -25.4056

Deuteranomaly

34.4590, -2.5747, -28.4579

Tritanomaly

34.7475, -13.7837, -13.6764

Monochromacy



Original Color

34.7427, -7.4947, -27.2464

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.1444, -6.7687, -8.8031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7427, -7.4947, -27.2464 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(0, 104, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 149)  
}
```

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(0, 104, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7427, -7.4947, -27.2464 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(0, 104, 149) }
```


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

```
.border{ border-color:rgb(0, 104, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 104, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7427, -7.4947, -27.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 149) }
```

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

```
.background{ background-color: rgb(0, 104,  
149) }
```

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