

Converting Colors

HunterLab(30.5716, -4.4474,
-28.6112)

Have a look what the booklet for
HunterLab(30.5716, -4.4474,
-28.6112) contains.

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Color

**HunterLab(30.5716, -4.4474,
-28.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	005B8B
RGB	0, 91, 139
RGB Percent	0%, 36%, 55%
CMY	0.9999, 0.6431, 0.4549
CMYK	1.00, 0.35, 0.00, 0.45
HSL	201°, 100%, 27%
HSV	201°, 100%, 55%
XYZ	8.4013, 9.3462, 25.7873
YIQ	69.2630, -69.6440, -4.3640

Conversions

Conversions Part 2

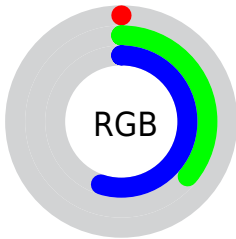
Format	Color
RYB	0, 55, 139
Decimal	23435
CIELab	36.64, -4.18, -32.98
CIELCh	37, 33.241, 262.776
Yxy	9.3465, 0.1930, 0.2147
Android (android.graphics.Color)	4278213515 (0xFF005B8B)
YUV	69.2630, 34.3803, -60.7437
Hunter-Lab	30.5716, -4.4474, -28.6112

Details

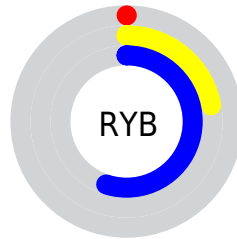
The HunterLab color **30.5716, -4.4474, -28.6112** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.5763, 27.5098, 17.4728**, and the grayscale version is **24.3901, -1.3014, 1.3252**.

A 20% lighter version of the original color is **49.6039, -5.9888, -29.8429**, and **16.3562, 1.7174, -24.1511** is the 20% darker color. If you saturate the color by 10%, you get **30.5700, -4.4447, -28.6150**, and if you desaturate by 10%, it is **32.0724, -6.0097, -25.4975**.

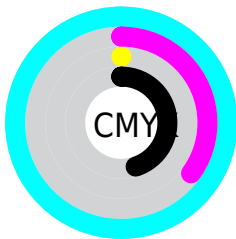
Distribution



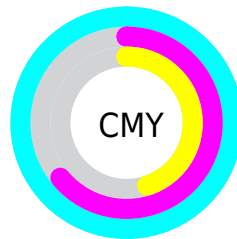
- Red (0%)
- Green (36%)
- Blue (55%)



- Red (0%)
- Yellow (22%)
- Blue (55%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5716, -4.4474, -28.6112 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 30.5716, -4.4474, -28.6112 by changing the saturation by 10% instead.

30.5716, -4.4474,
-28.6112

30.5716, -4.4474,
-28.6112

136.3607,
-11.9697, -32.9489

22.2888, -3.7122,
-28.1307

49.5569, -5.9694,
-29.8103

14.9279, -2.9882,
-27.9914

60.1344, -6.7614,
-30.3996

8.5757, -2.5820,
-29.1433

71.3728, -7.5751,
-30.9500

0.0000, NaN, -NF

0.0000, NaN, -NF

83.2353, -8.4106,
-31.4528

0.0000, NaN, NaN

95.6907, -9.2680,
-31.9046

0.0000, NaN, NaN

108.7120,

0.0000, NaN, NaN

-10.1472, -32.3042

0.0000, NaN, NaN

122.2756,
-11.0478, -32.6520

■ 30.5716, -4.4474,
-28.6112

■ 30.5716, -4.4474,
-28.6112

■ 30.5700, -4.4447,
-28.6150

■ 32.0724, -6.0097,
-25.4975

■ 33.6730, -7.2467,
-22.3864

■ 35.4060, -8.0346,
-19.2273

■ 37.2689, -8.3794,
-16.0408

■ 39.2565, -8.3024,
-12.8471

■ 41.3621, -7.8332,
-9.6635

■ 43.5782, -7.0056,
-6.5030

■ 45.8972, -5.8538,
-3.3747

■ 48.3119, -4.4112,
-0.2843

Harmonies

Analogous

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



30.5721, -14.2365, -21.1274



30.5716, -4.4474, -28.6112



30.5721, 7.7016, -25.8406

Triad

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



30.5721, -4.4469, -28.6105



30.5721, 22.3514, 8.9248



30.5721, -17.7490, 12.0902

Complementary

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



30.5716, -4.4474, -28.6112



27.5763, 27.5098, 17.4728

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.



30.5721, -9.9665, 15.6662



30.5716, -4.4474, -28.6112



30.5721, 13.4147, 14.3849

Square

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



30.5721, -4.4469, -28.6105



30.5721, 24.4269, -1.1902



30.5721, 1.2868, 16.3069



30.5721, -21.1197, 4.2673

Rectangle

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



30.5716, -4.4474, -28.6112



30.5721, 15.4392, -18.9146



30.5721, 1.2868, 16.3069



30.5721, -15.6246, 13.6854

Sweetspot

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



30.5721, -4.4469, -28.6105



58.1149, -9.4628, -8.9830



43.2036, -35.3937, 22.4057



27.3597, -4.7608, -5.0672



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



30.5721, -4.4469, -28.6105



40.5194, -5.3334, -39.1325



15.7617, 28.7079, -81.6683



23.2436, -2.0493, -0.0127



29.0983, -4.3107, -27.0649



2.8923, -1.1006, -1.2392

Inverse Universe

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



24.9895, 45.8135, -7.2828



33.3920, 61.1390, -9.0753



42.3583, -3.0181, 26.0474



22.5834, 1.2771, 0.2139



23.7465, 43.5509, -7.0136



2.0057, 3.7995, -1.5317

Previews

White Background



This preview shows how the HunterLab color 30.5716, -4.4474, -28.6112 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 30.5716, -4.4474, -28.6112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

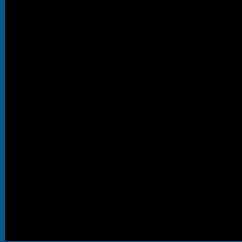
Any Text WCAG AA × Fail

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 30.5716, -4.4474, -28.6112 Background



This preview shows how black text looks on a background with the HunterLab color 30.5716, -4.4474, -28.6112.



This preview shows how white text looks on a background with the HunterLab color 30.5716, -4.4474, -28.6112.

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

30.5716, -4.4474, -28.6112

Protanopia

30.7501, 3.8668, -23.7700

Deuteranopia

30.8125, 2.0577, -28.7191



Tritanopia

30.5696, -14.7772, -6.3095

Trichromacy



Original Color

30.5716, -4.4474, -28.6112

Protanomaly

30.1681, -0.6071, -26.4697

Deuteranomaly

30.3529, -0.8780, -29.7767

Tritanomaly

30.4407, -11.3148, -13.6229

Monochromacy



Original Color

30.5716, -4.4474, -28.6112

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.7903, -5.5923, -8.5510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5716, -4.4474, -28.6112 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, 91, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 139)  
}
```

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, 91, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5716, -4.4474, -28.6112 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, 91, 139) }
```


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

```
.border{ border-color:rgb(0, 91, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 139)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5716, -4.4474, -28.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 139) }
```

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

```
.background{ background-color: rgb(0, 91,  
139) }
```

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](#).

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