

Converting Colors

HunterLab(30.0536, -8.2731,
-19.7040)

Have a look what the booklet for
HunterLab(30.0536, -8.2731,
-19.7040) contains.

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Color

**HunterLab(29.9380, -8.0154,
-20.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	005B7D
RGB	0, 91, 125
RGB Percent	0%, 36%, 49%
CMY	0.9999, 0.6431, 0.5098
CMYK	1.00, 0.27, 0.00, 0.51
HSL	196°, 100%, 25%
HSV	196°, 100%, 49%
XYZ	7.4428, 8.9628, 20.7398
YIQ	67.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

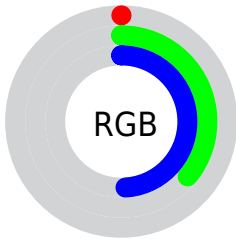
Format	Color
RYB	0, 53, 125
Decimal	23421
CIELab	35.91, -9.85, -25.57
CIELCh	36, 27.400, 248.934
Yxy	8.9631, 0.2004, 0.2413
Android (android.graphics.Color)	4278213501 (0xFF005B7D)
YUV	67.6670, 28.2652, -59.3440
Hunter-Lab	29.9380, -8.0154, -20.1170

Details

The HunterLab color **29.9380, -8.0154, -20.1170** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.4626, 27.6397, 14.9403**, and the grayscale version is **23.8478, -1.2725, 1.2957**.

A 20% lighter version of the original color is **48.7859, -10.2180, -21.3055**, and **15.4873, -1.2523, -16.6545** is the 20% darker color. If you saturate the color by 10%, you get **29.9372, -8.0140, -20.1189**, and if you desaturate by 10%, it is **31.0477, -8.9197, -18.0760**.

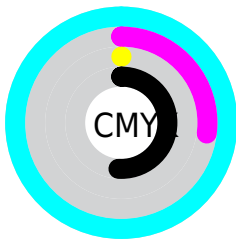
Distribution



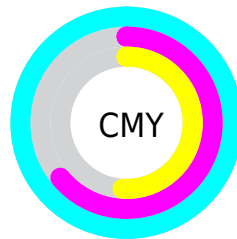
- Red (0%)
- Green (36%)
- Blue (49%)



- Red (0%)
- Yellow (21%)
- Blue (49%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9380, -8.0154, -20.1170 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 29.9380, -8.0154, -20.1170 by changing the saturation by 10% instead.

■ 29.9380, -8.0154,
-20.1170

■ 29.9380, -8.0154,
-20.1170

■ 135.3154,
-18.1388, -22.9821

■ 21.7190, -6.8639,
-19.5881

■ 48.8120, -10.2528,
-21.1347

■ 14.4301, -5.6618,
-19.1712

■ 59.3395, -11.3614,
-21.5706

■ 8.0909, -5.7364,
-19.6937

■ 70.5310, -12.4714,
-21.9480

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.3491, -13.5864,
-22.2662

0.0000, NaN, NaN

■ 94.7622, -14.7091,
-22.5267

0.0000, NaN, NaN

■ 107.7430,

0.0000, NaN, NaN

-15.8412, -22.7312

0.0000, NaN, NaN

121.2678,
-16.9842, -22.8823

29.9380, -8.0154,
-20.1170

29.9380, -8.0154,
-20.1170

29.9372, -8.0140,
-20.1189

31.0477, -8.9197,
-18.0760

32.2271, -9.5826,
-16.0049

33.5116, -9.8724,
-13.8503

34.9021, -9.7870,
-11.6244

36.3968, -9.3372,
-9.3419

■ 37.9924, -8.5420,
-7.0174

■ 39.6845, -7.4257,
-4.6643

■ 41.4679, -6.0145,
-2.2939

■ 43.3376, -4.3352,
0.0844

Harmonies

Analogous

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



29.9385, -14.7749, -11.8084



29.9380, -8.0154, -20.1170



29.9385, 1.3541, -21.7423

Triad

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



29.9385, -8.0151, -20.1164



29.9385, 19.1534, 4.2572



29.9385, -12.4458, 12.4099

Complementary

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



29.9380, -8.0154, -20.1170



23.4626, 27.6397, 14.9403

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.



29.9385, -4.4420, 14.3961



29.9380, -8.0154, -20.1170



29.9385, 14.3418, 10.7759

Square

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



29.9385, -8.0151, -20.1164



29.9385, 17.8786, -5.4783



29.9385, 5.4074, 13.9122



29.9385, -17.0973, 7.3334

Rectangle

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



29.9380, -8.0154, -20.1170



29.9385, 7.9737, -18.4384



29.9385, 5.4074, 13.9122



29.9385, -10.1022, 13.3738

Sweetspot

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



29.9385, -8.0151, -20.1164



52.9339, -10.0611, -6.4749



38.4438, -31.9272, 20.8716



24.8689, -5.0608, -3.6062



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.9385, -8.0151, -20.1164



39.7477, -10.2687, -27.5141



15.3892, 21.1543, -64.8978



21.6684, -2.0805, 0.1453



30.5645, -8.1587, -20.5906

0.0000, NaN, NaN

Inverse Universe

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



22.6179, 42.0696, -11.2722



30.2240, 56.1507, -14.5097



35.6316, 0.8940, 21.9710



20.9597, 1.2167, 0.0382



23.1032, 42.9716, -11.4789

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.9380, -8.0154, -20.1170 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 29.9380, -8.0154, -20.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

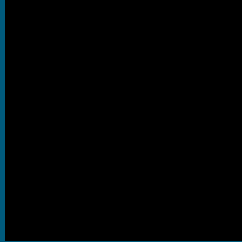
Any Text WCAG AA × Fail

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 29.9380, -8.0154, -20.1170 Background



This preview shows how black text looks on a background with the HunterLab color 29.9380, -8.0154, -20.1170.



This preview shows how white text looks on a background with the HunterLab color 29.9380, -8.0154, -20.1170.

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

29.9380, -8.0154, -20.1170

Protanopia

29.9571, 2.6740, -16.0357

Deuteranopia

29.9946, 2.1465, -21.1691



Tritanopia

29.9082, -14.4309, -6.2305

Trichromacy



Original Color

29.9380, -8.0154, -20.1170

Protanomaly

29.3945, -3.1559, -18.4291

Deuteranomaly

29.6550, -3.2094, -21.2470

Tritanomaly

29.9241, -12.2290, -11.0036

Monochromacy



Original Color

29.9380, -8.0154, -20.1170

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.3056, -6.3082, -6.6610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9380, -8.0154, -20.1170 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9380, -8.0154, -20.1170 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, 125) }
```


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

```
.border{ border-color:rgb(0, 91, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9380, -8.0154, -20.1170 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, 125) }
```

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

```
.background{ background-color: rgb(0, 91,  
125) }
```

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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