

Converting Colors

HunterLab(31.3664, -5.4574,
-19.3768)

Have a look what the booklet for
HunterLab(31.3664, -5.4574,
-19.3768) contains.

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Color

**HunterLab(31.3661, -5.4616,
-19.3709)**

Conversions

Conversions Part 1

Format	Color
Hex	285D80
RGB	40, 93, 128
RGB Percent	16%, 36%, 50%
CMY	0.8431, 0.6353, 0.4980
CMYK	0.69, 0.27, 0.00, 0.50
HSL	204°, 52%, 33%
HSV	204°, 69%, 50%
XYZ	8.6857, 9.8383, 21.8633
YIQ	81.1430, -42.8230, -0.3510

Conversions

Conversions Part 2

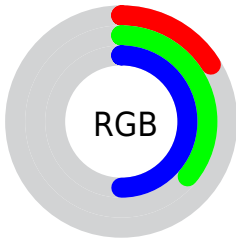
Format	Color
R _Y B	40, 73, 128
Decimal	2645376
CIE Lab	37.55, -5.61, -24.79
CIE LCh	38, 25.413, 257.248
Yxy	9.8387, 0.2151, 0.2436
Android (android.graphics.Color)	4280835456 (0xFF285D80)
YUV	81.1430, 23.1005, -36.0824
Hunter-Lab	31.3661, -5.4616, -19.3709

Details

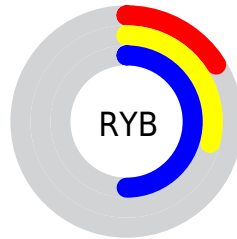
The HunterLab color **31.3661, -5.4616, -19.3709** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31.2654, 12.6634, 15.6795**, and the grayscale version is **28.6677, -1.5296, 1.5576**.

A 20% lighter version of the original color is **50.4657, -7.0095, -20.3860**, and **16.1169, -1.3159, -17.3041** is the 20% darker color. If you saturate the color by 10%, you get **29.5957, -4.5307, -22.7551**, and if you desaturate by 10%, it is **33.2608, -5.9852, -16.0139**.

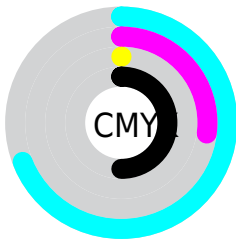
Distribution



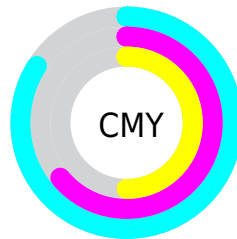
- Red (16%)
- Green (36%)
- Blue (50%)



- Red (16%)
- Yellow (29%)
- Blue (50%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3661, -5.4616, -19.3709 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 31.3661, -5.4616, -19.3709 by changing the saturation by 10% instead.

■ 31.3661, -5.4616,
-19.3709

■ 31.3661, -5.4616,
-19.3709

■ 137.6651,
-13.6474, -21.9701

■ 23.0046, -4.6239,
-18.8432

■ 50.4892, -7.1634,
-20.3428

■ 15.5553, -3.7841,
-18.3825

■ 61.1284, -8.0358,
-20.7485

■ 9.1432, -3.1616,
-18.2788

■ 72.4249, -8.9251,
-21.0942

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.3425, -9.8322,
-21.3803

0.0000, NaN, NaN

■ 96.8504, -10.7578,
-21.6086

0.0000, NaN, NaN

■ 109.9218,

0.0000, NaN, NaN

-11.7021, -21.7814

0.0000, NaN, NaN

123.5336,
-12.6653, -21.9011

■ 31.3661, -5.4616,
-19.3709

■ 31.3661, -5.4616,
-19.3709

■ 29.5957, -4.5307,
-22.7551

■ 33.2608, -5.9852,
-16.0139

■ 27.9536, -3.1775,
-26.1467

■ 35.2706, -6.1294,
-12.7036

■ 26.4180, -1.4914,
-29.5813

■ 37.3879, -5.9266,
-9.4513

■ 26.2275, -1.2760,
-30.0277

■ 39.6045, -5.4112,
-6.2639

■ 41.9125, -4.6164,
-3.1441

■ 44.3048, -3.5731,
-0.0917

■ 46.7747, -2.3094,
2.8954

■ 49.3162, -0.8500,
5.8211

■ 51.9239, 0.7833,
8.6896

Harmonies

Analogous

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



31.3666, -12.7373, -13.2191



31.3661, -5.4616, -19.3709



31.3666, 3.7085, -18.8263

Triad

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



31.3666, -5.4614, -19.3703



31.3666, 16.9379, 6.2716



31.3666, -13.5667, 11.0689

Complementary

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



31.3661, -5.4616, -19.3709



31.2654, 12.6634, 15.6795

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.



31.3666, -6.7188, 13.8460



31.3661, -5.4616, -19.3709



31.3666, 11.1701, 11.6709

Square

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



31.3666, -5.4614, -19.3703



31.3666, 17.3747, -2.2120



31.3666, 2.2993, 14.0292



31.3666, -17.0437, 5.1783

Rectangle

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



31.3661, -5.4616, -19.3709



31.3666, 9.6881, -14.7314



31.3666, 2.2993, 14.0292



31.3666, -11.6209, 12.3139

Sweetspot

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



31.3666, -5.4614, -19.3703



54.7636, -6.4485, -5.2959



40.4729, -27.5104, 15.0349



26.1570, -3.2417, -3.0208



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.3666, -5.4614, -19.3703



38.1285, -5.1591, -32.5078



20.7707, 14.5597, -45.2416



21.4678, -1.7542, -0.0957



26.1219, -1.2793, -29.8884

0.0000, NaN, NaN

Inverse Universe

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



26.2631, 33.1315, -6.6164



31.8798, 50.8246, -7.8080



41.9963, -6.6246, 22.9271



20.9388, 1.1047, 0.3347



22.5463, 40.9744, -3.7504

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.3661, -5.4616, -19.3709 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 31.3661, -5.4616, -19.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

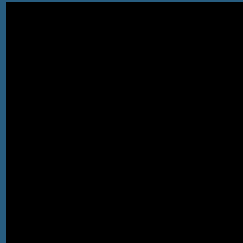
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

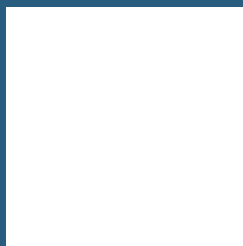
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.3661, -5.4616, -19.3709 Background



This preview shows how black text looks on a background with the HunterLab color 31.3661, -5.4616, -19.3709.

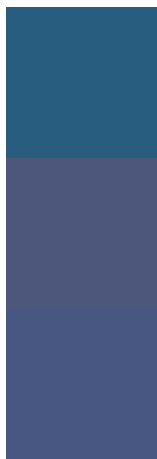


This preview shows how white text looks on a background with the HunterLab color 31.3661, -5.4616, -19.3709.

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

31.3661, -5.4616, -19.3709

Protanopia

31.3436, 2.3481, -16.0918

Deuteranopia

31.2105, 2.3976, -20.1805



Tritanopia

31.2466, -13.5439, -6.3423

Trichromacy



Original Color

31.3661, -5.4616, -19.3709

Protanomaly

31.1696, -0.7818, -17.7132

Deuteranomaly

31.1294, -0.5853, -20.3855

Tritanomaly

31.3592, -11.0556, -10.4077

Monochromacy



Original Color

31.3661, -5.4616, -19.3709

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.2183, -4.0921, -5.5155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3661, -5.4616, -19.3709 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(40, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(40, 93, 128)  
}
```

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(40, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 93, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3661, -5.4616, -19.3709 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(40, 93, 128) }
```


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

```
.border{ border-color:rgb(40, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 93, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 93, 128);  
box-shadow:4px 4px 4px 4px rgb(40, 93,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3661, -5.4616, -19.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 93, 128) }
```

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

```
.background{ background-color: rgb(40, 93,  
128) }
```

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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