

Converting Colors

HunterLab(36.9871, -3.9353,
-20.2186)

Have a look what the booklet for
HunterLab(36.9871, -3.9353,
-20.2186) contains.

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Color

**HunterLab(37.0378, -4.0179,
-20.1301)**

Conversions

Conversions Part 1

Format	Color
Hex	426B91
RGB	66, 107, 145
RGB Percent	26%, 42%, 57%
CMY	0.7412, 0.5804, 0.4314
CMYK	0.54, 0.26, 0.00, 0.43
HSL	209°, 37%, 41%
HSV	209°, 54%, 57%
XYZ	12.6153, 13.7180, 28.7710
YIQ	99.0730, -36.6340, 3.1260

Conversions

Conversions Part 2

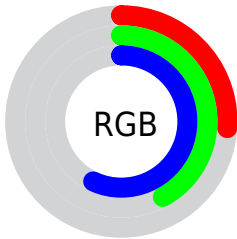
Format	Color
R _Y B	66, 93, 145
Decimal	4352913
CIE Lab	43.83, -2.82, -25.19
CIE LCh	44, 25.349, 263.611
Yxy	13.7185, 0.2289, 0.2489
Android (android.graphics.Color)	4282542993 (0xFF426B91)
YUV	99.0730, 22.6420, -29.0050
Hunter-Lab	37.0378, -4.0179, -20.1301

Details

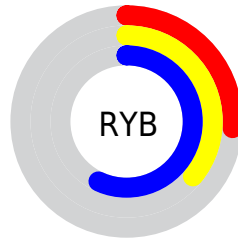
The HunterLab color **37.0378, -4.0179, -20.1301** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.3911, 7.1449, 17.4471**, and the grayscale version is **35.2789, -1.8824, 1.9168**.

A 20% lighter version of the original color is **57.0081, -5.3809, -21.1618**, and **20.1155, -2.8239, -18.8673** is the 20% darker color. If you saturate the color by 10%, you get **34.4686, -3.0371, -24.8929**, and if you desaturate by 10%, it is **39.7507, -4.5570, -15.5416**.

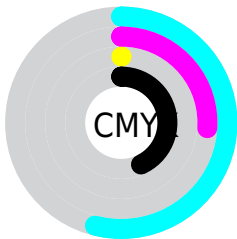
Distribution



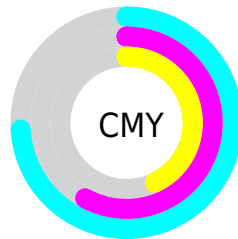
- Red (26%)
- Green (42%)
- Blue (57%)



- Red (26%)
- Yellow (36%)
- Blue (57%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (43%)



- Cyan (74%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0378, -4.0179, -20.1301 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 37.0378, -4.0179, -20.1301 by changing the saturation by 10% instead.

■ 37.0378, -4.0179,
-20.1301

■ 37.0378, -4.0179,
-20.1301

■ 146.7898,
-11.0893, -22.5249

■ 28.1516, -3.3609,
-19.6017

■ 57.0865, -5.4115,
-21.0587

■ 20.1173, -2.7295,
-19.0836

■ 68.1427, -6.1480,
-21.4381

■ 13.0381, -2.1207,
-18.7088

■ 79.8328, -6.9102,
-21.7579

■ 6.5086, -2.2361,
-21.3963

■ 92.1242, -7.6978,
-22.0193

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.9886, -8.5100,
-22.2243

0.0000, NaN, NaN

118.4017, -9.3464,

0.0000, NaN, NaN

-22.3753

0.0000, NaN, NaN

132.3418,
-10.2063, -22.4747

■ 37.0378, -4.0179,
-20.1301

■ 37.0378, -4.0179,
-20.1301

■ 34.4686, -3.0371,
-24.8929

■ 39.7507, -4.5570,
-15.5416

■ 32.0555, -1.5659,
-29.8227

■ 42.5915, -4.7048,
-11.1287

■ 29.8138, 0.4346,
-34.8946

■ 45.5486, -4.5091,
-6.8822

■ 27.7538, 2.9761,
-40.0736

■ 48.6108, -4.0132,
-2.7900

■ 26.6661, 4.5031,
-43.0513

■ 51.7685, -3.2551,
1.1621

■ 55.0134, -2.2677,
4.9885

■ 58.3380, -1.0793,
8.7033

■ 61.7361, 0.2861,
12.3196

■ 65.2020, 1.8080,
15.8495

Harmonies

Analogous

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



37.0385, -12.3434, -15.1672



37.0378, -4.0179, -20.1301



37.0385, 5.7400, -18.0465

Triad

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



37.0385, -4.0179, -20.1293



37.0385, 16.5768, 8.4045



37.0385, -15.7467, 11.0236

Complementary

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



37.0378, -4.0179, -20.1301



40.3911, 7.1449, 17.4471

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.



37.0385, -9.1121, 14.8044



37.0378, -4.0179, -20.1301



37.0385, 9.6692, 13.5847

Square

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



37.0385, -4.0179, -20.1293



37.0385, 18.2954, 0.0004



37.0385, 0.1065, 15.6046



37.0385, -18.6539, 3.9246

Rectangle

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



37.0378, -4.0179, -20.1301



37.0385, 11.6900, -13.1531



37.0385, 0.1065, 15.6046



37.0385, -13.9132, 12.6432

Sweetspot

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



37.0385, -4.0179, -20.1293



64.2825, -5.5214, -4.7338



47.3139, -26.9103, 12.6466



29.9673, -2.6680, -2.6958



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.0385, -4.0179, -20.1293



45.5045, -3.7469, -34.5329



27.2295, 14.3870, -41.2988



23.8514, -1.7272, -0.3195



24.8020, 3.9722, -39.5751



3.2086, -0.8861, -2.0977

Inverse Universe

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



33.1335, 29.7193, -3.9547



40.3557, 48.2365, -5.1617



50.8613, -10.4341, 25.1487



23.3835, 1.2040, 0.5774



23.6798, 42.4272, 0.7679



2.4097, 4.4877, -1.2418

Previews

White Background



This preview shows how the HunterLab color 37.0378, -4.0179, -20.1301 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 37.0378, -4.0179, -20.1301 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

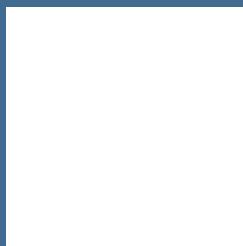
Any Text WCAG AAA × Fail

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

HunterLab 37.0378, -4.0179, -20.1301 Background



This preview shows how black text looks on a background with the HunterLab color 37.0378, -4.0179, -20.1301.

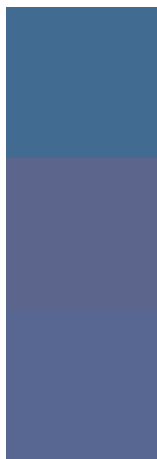


This preview shows how white text looks on a background with the HunterLab color 37.0378, -4.0179, -20.1301.

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

37.0378, -4.0179, -20.1301

Protanopia

37.0151, 2.6052, -17.5096

Deuteranopia

36.9497, 2.7976, -20.8189



Tritanopia

37.2004, -12.6418, -6.1292

Trichromacy



Original Color

37.0378, -4.0179, -20.1301

Protanomaly

37.0035, -0.1161, -18.2048

Deuteranomaly

36.9884, 0.1628, -20.7955

Tritanomaly

37.0462, -9.5713, -11.1396

Monochromacy



Original Color

37.0378, -4.0179, -20.1301

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.7630, -3.5184, -5.4174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0378, -4.0179, -20.1301 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(66, 107, 145)` looks like.

```
.text, #text, p{  
    color:rgb(66, 107, 145)  
}
```

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(66, 107, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 107, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0378, -4.0179, -20.1301 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(66, 107, 145) }
```


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

```
.border{ border-color:rgb(66, 107, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 107, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 107, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 107, 145);  
box-shadow:4px 4px 4px 4px rgb(66, 107,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0378, -4.0179, -20.1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 107, 145) }
```

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

```
.background{ background-color: rgb(66, 107,  
145) }
```

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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