

Converting Colors

HunterLab(36.6971, -20.6970,
4.1256)

Have a look what the booklet for
HunterLab(36.6971, -20.6970,
4.1256) contains.

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Color

**HunterLab(36.7177,
-20.5928, 4.0031)**

Conversions

Conversions Part 1

Format	Color
Hex	237361
RGB	35, 115, 97
RGB Percent	14%, 45%, 38%
CMY	0.8627, 0.5490, 0.6196
CMYK	0.70, 0.00, 0.16, 0.55
HSL	166°, 53%, 29%
HSV	166°, 70%, 45%
XYZ	8.9816, 13.4819, 13.4382
YIQ	89.0280, -41.9020, -22.5580

Conversions

Conversions Part 2

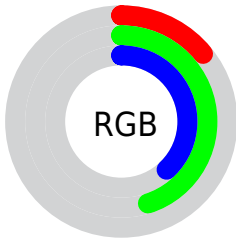
Format	Color
R _Y B	35, 80, 115
Decimal	2323297
CIE Lab	43.48, -28.64, 2.98
CIE LCh	43, 28.795, 174.066
Yxy	13.4824, 0.2502, 0.3755
Android (android.graphics.Color)	4280513377 (0xFF237361)
YUV	89.0280, 3.9302, -47.3826
Hunter-Lab	36.7177, -20.5928, 4.0031

Details

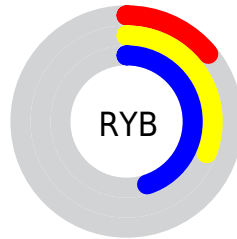
The HunterLab color **36.7177, -20.5928, 4.0031** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.5928, 26.1522, 5.5388**, and the grayscale version is **31.6151, -1.6869, 1.7177**.

A 20% lighter version of the original color is **56.8925, -25.3214, 5.4159**, and **20.3358, -13.2420, 3.1676** is the 20% darker color. If you saturate the color by 10%, you get **36.4221, -21.9100, 4.6624**, and if you desaturate by 10%, it is **37.1035, -18.9349, 3.4319**.

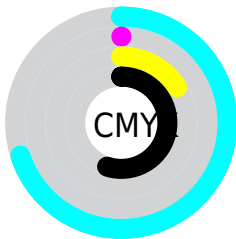
Distribution



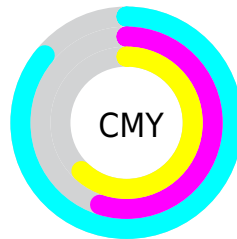
- Red (14%)
- Green (45%)
- Blue (38%)



- Red (14%)
- Yellow (31%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7177, -20.5928, 4.0031 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 36.7177, -20.5928, 4.0031 by changing the saturation by 10% instead.

36.7177, -20.5928,
4.0031

36.7177, -20.5928,
4.0031

146.2829,
-39.4598, 11.1972

27.8596, -18.0871,
3.3342

56.7167, -25.2012,
5.4219

19.8564, -15.3675,
2.6901

67.7504, -27.3706,
6.1711

12.8125, -12.3997,
2.0672

79.4192, -29.4780,
6.9464

6.2081, -10.8642,
2.3255

91.6902, -31.5369,
7.7474

0.0000, NaN, NaN

0.0000, NaN, NaN

104.5353,
-33.5575, 8.5736

0.0000, NaN, NaN

117.9298,

0.0000, NaN, NaN

-35.5476, 9.4243

0.0000, NaN, NaN

131.8521,
-37.5134, 10.2990

■ 36.7177, -20.5928,
4.0031

■ 36.7177, -20.5928,
4.0031

■ 36.4221, -21.9100,
4.6624

■ 37.1035, -18.9349,
3.4319

■ 36.2074, -22.9042,
5.3952

■ 37.5825, -16.9288,
2.9583

■ 36.0423, -23.6993,
6.1606

■ 38.1586, -14.5780,
2.5908

■ 36.0351, -23.7338,
6.1937

■ 38.8336, -11.8941,
2.3350

■ 39.6079, -8.8953,
2.1938

■ 40.4808, -5.6047,
2.1678

■ 41.4507, -2.0485,
2.2559

■ 42.5151, 1.7452,
2.4548

■ 43.6710, 5.7481,
2.7602

Harmonies

Analogous

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



36.7184, -17.4578, 11.8916



36.7177, -20.5928, 4.0031



36.7184, -19.2282, -7.1115

Triad

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



36.7184, -20.5931, 4.0035



36.7184, 6.9963, -21.3060



36.7184, 11.1863, 14.7688

Complementary

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



36.7177, -20.5928, 4.0031



22.5928, 26.1522, 5.5388

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.



36.7184, 19.2366, 9.2443



36.7177, -20.5928, 4.0031



36.7184, 16.6265, -11.7557

Square

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



36.7184, -20.5931, 4.0035



36.7184, -4.1060, -23.9240



36.7184, 21.3351, -0.1260



36.7184, 0.2340, 16.8286

Rectangle

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



36.7177, -20.5928, 4.0031



36.7184, -15.8587, -14.7764



36.7184, 21.3351, -0.1260



36.7184, 14.3706, 13.3502

Sweetspot

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



36.7184, -20.5931, 4.0035



52.7843, -12.7338, 2.9608



36.2746, -24.4189, 19.3253



25.6699, -6.6496, 1.4629



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.7184, -20.5931, 4.0035



48.5639, -30.1172, 6.7791



30.8901, -9.2087, -12.2599



20.3515, -2.7268, 1.0895



38.5242, -25.4019, 6.6836



84.9642, -56.5534, 15.8847

Inverse Universe

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



22.5928, 26.1522, 5.5388



27.4049, 41.1387, 10.1425



25.7438, 15.9959, 12.4804



19.2695, 0.6881, 1.1076



20.6119, 35.6947, 10.2477



45.3799, 78.3486, 24.4073

Previews

White Background



This preview shows how the HunterLab color 36.7177, -20.5928, 4.0031 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 36.7177, -20.5928, 4.0031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

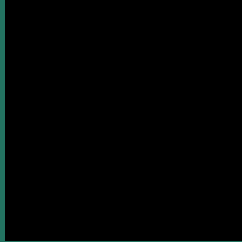
Any Text WCAG AA × Fail

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 36.7177, -20.5928, 4.0031 Background



This preview shows how black text looks on a background with the HunterLab color 36.7177, -20.5928, 4.0031.



This preview shows how white text looks on a background with the HunterLab color 36.7177, -20.5928, 4.0031.

-20.5928, 4.0031.

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

36.7177, -20.5928, 4.0031

Protanopia

36.5605, -2.1697, 6.8040

Deuteranopia

36.5704, 2.4850, 2.6173



Tritanopia

36.8099, -14.1205, -6.7015

Trichromacy



Original Color

36.7177, -20.5928, 4.0031

Protanomaly

36.1318, -10.7314, 5.0829

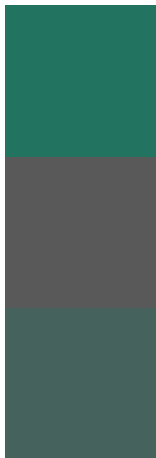
Deuteranomaly

35.9924, -7.9469, 2.1785

Tritanomaly

36.7047, -16.6493, -2.4359

Monochromacy



Original Color

36.7177, -20.5928, 4.0031

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.8227, -9.8344, 1.7631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7177, -20.5928, 4.0031 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(35, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(35, 115, 97)  
}
```

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(35, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 115, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7177, -20.5928, 4.0031 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(35, 115, 97) }
```


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

```
.border{ border-color:rgb(35, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(35, 115, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(35, 115, 97); box-shadow:4px 4px 4px 4px rgb(35, 115, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7177, -20.5928, 4.0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 115, 97) }
```

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

```
.background{ background-color: rgb(35, 115,  
97) }
```

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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