

Converting Colors

HunterLab(35.8691, -21.6559,
-0.8161)

Have a look what the booklet for
HunterLab(35.8691, -21.6559,
-0.8161) contains.

HunterLab(36.1597, -20.7332, -0.4395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.1597,
-20.7332, -0.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	00726A
RGB	0, 114, 106
RGB Percent	0%, 45%, 42%
CMY	1.0000, 0.5529, 0.5843
CMYK	1.00, 0.00, 0.07, 0.55
HSL	176°, 100%, 22%
HSV	176°, 100%, 45%
XYZ	8.6188, 13.0752, 15.7052
YIQ	79.0020, -65.3760, -26.6560

Conversions

Conversions Part 2

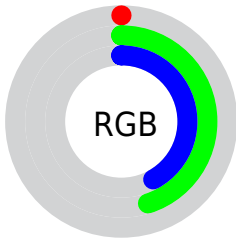
Format	Color
RYB	0, 59, 114
Decimal	29290
CIELab	42.88, -29.14, -3.38
CIELCh	43, 29.339, 186.607
Yxy	13.0757, 0.2305, 0.3496
Android (android.graphics.Color)	4278219370 (0xFF00726A)
YUV	79.0020, 13.3100, -69.2848
Hunter-Lab	36.1597, -20.7332, -0.4395

Details

The HunterLab color **36.1597, -20.7332, -0.4395** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.9613, 32.5613, 11.5345**, and the grayscale version is **27.9347, -1.4905, 1.5177**.

A 20% lighter version of the original color is **55.8957, -25.3181, 0.1641**, and **20.2395, -11.7856, 0.1441** is the 20% darker color. If you saturate the color by 10%, you get **36.1603, -20.7338, -0.4389**, and if you desaturate by 10%, it is **36.2855, -20.1879, -0.6335**.

Distribution



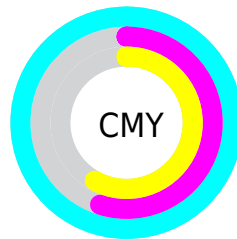
- Red (0%)
- Green (45%)
- Blue (42%)



- Red (0%)
- Yellow (23%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1597, -20.7332, -0.4395 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 36.1597, -20.7332, -0.4395 by changing the saturation by 10% instead.

36.1597, -20.7332,
-0.4395

36.1597, -20.7332,
-0.4395

145.3969,
-39.8726, 4.1619

27.3509, -18.1775,
-0.7194

56.0712, -25.4219,
0.2889

19.4024, -15.3976,
-0.9334

67.0653, -27.6253,
0.7255

12.4206, -12.4882,
-1.0681

78.6968, -29.7637,
1.2053

5.6437, -9.8765,
-2.1724

90.9323, -31.8513,
1.7252

0.0000, NaN, NaN

0.0000, NaN, NaN

103.7434,
-33.8987, 2.2828

0.0000, NaN, NaN

117.1054,

0.0000, NaN, NaN

-35.9140, 2.8759

0.0000, NaN, NaN

130.9963,
-37.9036, 3.5028

36.1597, -20.7332,
-0.4395

36.1597, -20.7332,
-0.4395

36.1603, -20.7338,
-0.4389

36.2855, -20.1879,
-0.6335

36.4544, -19.4710,
-0.7718

36.7015, -18.4499,
-0.8082

37.0343, -17.1031,
-0.7328

37.4581, -15.4199,
-0.5390

■ 37.9765, -13.3996,
-0.2236

■ 38.5919, -11.0494,
0.2140

■ 39.3050, -8.3833,
0.7717

■ 40.1155, -5.4210,
1.4455

Harmonies

Analogous

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



36.1604, -19.4613, 9.1176



36.1597, -20.7332, -0.4395



36.1604, -17.4757, -12.3018

Triad

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



36.1604, -20.7333, -0.4391



36.1604, 11.6520, -18.3411



36.1604, 6.9102, 16.0533

Complementary

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



36.1597, -20.7332, -0.4395



18.9613, 32.5613, 11.5345

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.



36.1604, 16.7832, 12.0777



36.1597, -20.7332, -0.4395



36.1604, 19.7428, -7.0253

Square

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



36.1604, -20.7333, -0.4391



36.1604, 0.5497, -24.4632



36.1604, 21.7252, 4.2208



36.1604, -4.3473, 16.8545

Rectangle

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



36.1597, -20.7332, -0.4395



36.1604, -12.9127, -19.3372



36.1604, 21.7252, 4.2208



36.1604, 10.5402, 15.1178

Sweetspot

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



36.1604, -20.7333, -0.4391



51.0893, -14.9061, 0.2325



34.7799, -29.3701, 20.9165



24.4377, -7.6668, 0.0157



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.1604, -20.7333, -0.4391



47.9265, -27.5320, -0.4703



22.7393, -0.4239, -27.5053



19.5227, -2.4802, 0.7379



38.1500, -21.8833, -0.4445



85.1166, -49.0277, -0.5515

Inverse Universe

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



18.9613, 32.5613, 11.5345



25.1184, 43.1066, 15.5287



23.7726, 18.2917, 14.9680



18.4525, 0.5314, 1.3594



20.0020, 34.3461, 12.2104



44.5864, 76.4489, 28.0872

Previews

White Background



This preview shows how the HunterLab color 36.1597, -20.7332, -0.4395 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 36.1597, -20.7332, -0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

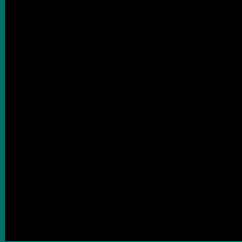
Any Text WCAG AA × Fail

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 36.1597, -20.7332, -0.4395 Background



This preview shows how black text looks on a background with the HunterLab color 36.1597, -20.7332, -0.4395.



This preview shows how white text looks on a background with the HunterLab color 36.1597,

-20.7332, -0.4395.

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

36.1597, -20.7332, -0.4395

Protanopia

36.1563, -1.8002, 3.2992

Deuteranopia

36.0073, 2.3812, -1.5939



Tritanopia

36.3343, -15.9448, -7.4078

Trichromacy



Original Color

36.1597, -20.7332, -0.4395

Protanomaly

35.2220, -12.2282, 0.7646

Deuteranomaly

34.9461, -9.8676, -2.7096

Tritanomaly

36.3186, -17.9051, -4.9079

Monochromacy



Original Color

36.1597, -20.7332, -0.4395

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

30.0893, -11.4520, -0.2829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1597, -20.7332, -0.4395 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, 114, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 106)  
}
```

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, 114, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1597, -20.7332, -0.4395 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, 114, 106) }
```


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

```
.border{ border-color:rgb(0, 114, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1597, -20.7332, -0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 106) }
```

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

```
.background{ background-color: rgb(0, 114,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor