

Converting Colors

HunterLab(36.2736, -21.7075,
4.4768)

Have a look what the booklet for
HunterLab(36.2736, -21.7075,
4.4768) contains.

HunterLab(36.4195, -21.9375, 4.8178)	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(36.4195,
-21.9375, 4.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	18735E
RGB	24, 115, 94
RGB Percent	9%, 45%, 37%
CMY	0.9059, 0.5490, 0.6314
CMYK	0.79, 0.00, 0.18, 0.55
HSL	166°, 65%, 27%
HSV	166°, 79%, 45%
XYZ	8.5278, 13.2638, 12.7004
YIQ	85.3970, -47.4950, -25.8230

Conversions

Conversions Part 2

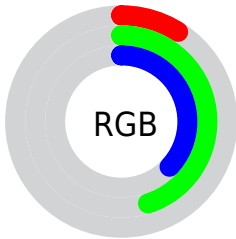
Format	Color
RYB	24, 75, 115
Decimal	1602398
CIELab	43.16, -31.15, 4.28
CIELCh	43, 31.445, 172.182
Yxy	13.2643, 0.2472, 0.3845
Android (android.graphics.Color)	4279792478 (0xFF18735E)
YUV	85.3970, 4.2413, -53.8452
Hunter-Lab	36.4195, -21.9375, 4.8178

Details

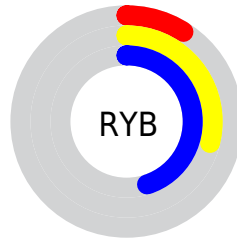
The HunterLab color **36.4195, -21.9375, 4.8178** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.1847, 29.2466, 6.6162**, and the grayscale version is **30.2834, -1.6158, 1.6454**.

A 20% lighter version of the original color is **56.4834, -27.1315, 6.6332**, and **20.2727, -13.6259, 4.0753** is the 20% darker color. If you saturate the color by 10%, you get **36.2009, -22.9533, 5.5661**, and if you desaturate by 10%, it is **36.7216, -20.5976, 4.1433**.

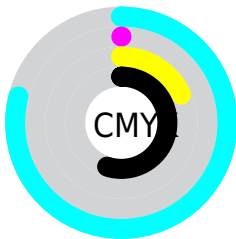
Distribution



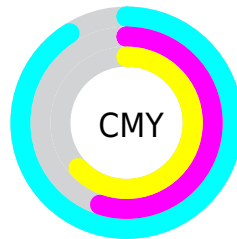
- Red (9%)
- Green (45%)
- Blue (37%)



- Red (9%)
- Yellow (29%)
- Blue (45%)



- Cyan (79%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4195, -21.9375, 4.8178 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 36.4195, -21.9375, 4.8178 by changing the saturation by 10% instead.

■ 36.4195, -21.9375,
4.8178

■ 36.4195, -21.9375,
4.8178

145.8097,
-42.0333, 12.5561

■ 27.5877, -19.2311,
4.0644

■ 56.3718, -26.8883,
6.3841

■ 19.6136, -16.2811,
3.3250

■ 67.3844, -29.2082,
7.1992

■ 12.6028, -13.2152,
2.5911

■ 79.0333, -31.4557,
8.0367

■ 5.9136, -10.3487,
3.3203

■ 91.2854, -33.6463,
8.8964

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.1124,
-35.7914, 9.7785

0.0000, NaN, NaN

■ 117.4895,

0.0000, NaN, NaN

-37.8999, 10.6826

0.0000, NaN, NaN

131.3951,
-39.9787, 11.6086

■ 36.4195, -21.9375,
4.8178

■ 36.4195, -21.9375,
4.8178

■ 36.2009, -22.9533,
5.5661

■ 36.7216, -20.5976,
4.1433

■ 36.0340, -23.7582,
6.3483

■ 37.1122, -18.9151,
3.5547

■ 36.0196, -23.8276,
6.4156

■ 37.5969, -16.8841,
3.0631

■ 38.1789, -14.5084,
2.6769

■ 38.8599, -11.8000,
2.4014

■ 39.6403, -8.7775,
2.2400

■ 40.5193, -5.4644,
2.1932

■ 41.4952, -1.8871,
2.2600

■ 42.5655, 1.9262,
2.4372

Harmonies

Analogous

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



36.4202, -18.3010, 12.9541



36.4195, -21.9375, 4.8178



36.4202, -20.7874, -7.2199

Triad

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



36.4202, -21.9377, 4.8182



36.4202, 7.0931, -24.4486



36.4202, 13.1575, 15.3164

Complementary

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



36.4195, -21.9375, 4.8178



21.1847, 29.2466, 6.6162

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.



36.4202, 21.7311, 9.2737



36.4195, -21.9375, 4.8178



36.4202, 17.9286, -14.0300

Square

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



36.4202, -21.9377, 4.8182



36.4202, -5.0030, -26.8102



36.4202, 23.5807, -1.1014



36.4202, 1.2168, 17.6156

Rectangle

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



36.4195, -21.9375, 4.8178



36.4202, -17.3835, -15.8503



36.4202, 23.5807, -1.1014



36.4202, 16.5888, 13.7699

Sweetspot

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



36.4202, -21.9377, 4.8182



52.4533, -14.0220, 3.0973



35.9043, -26.1000, 20.2397



25.4772, -7.4038, 1.5472



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.



36.4202, -21.9377, 4.8182



48.2705, -31.5537, 8.3439



29.7812, -9.0225, -14.0990



20.3507, -2.7315, 1.1014



38.5076, -25.5027, 6.9219



84.9264, -56.7841, 16.4300

Inverse Universe

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



21.1847, 29.2466, 6.6162



26.1664, 43.8056, 12.2384



24.1807, 18.9794, 13.1128



19.2703, 0.6925, 1.0958



20.6201, 35.7249, 10.1275



45.3957, 78.4072, 24.1737

Previews

White Background



This preview shows how the HunterLab color 36.4195, -21.9375, 4.8178 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 36.4195, -21.9375, 4.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

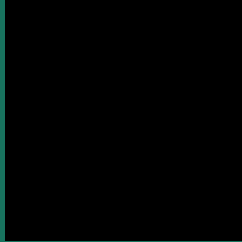
Any Text WCAG AA × Fail

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 36.4195, -21.9375, 4.8178 Background



This preview shows how black text looks on a background with the HunterLab color 36.4195, -21.9375, 4.8178.



This preview shows how white text looks on a background with the HunterLab color 36.4195,

-21.9375, 4.8178.

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

36.4195, -21.9375, 4.8178

Protanopia

36.2233, -2.1023, 7.5252

Deuteranopia

36.2325, 2.5215, 3.4616



Tritanopia

36.2988, -14.5953, -6.9125

Trichromacy



Original Color

36.4195, -21.9375, 4.8178

Protanomaly

35.5303, -11.6375, 5.5486

Deuteranomaly

35.3738, -8.9132, 2.6856

Tritanomaly

36.1609, -17.2603, -2.6780

Monochromacy



Original Color

36.4195, -21.9375, 4.8178

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.8231, -10.8497, 2.2181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4195, -21.9375, 4.8178 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(24, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(24, 115, 94)  
}
```

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(24, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 115, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4195, -21.9375, 4.8178 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(24, 115, 94) }
```


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

```
.border{ border-color:rgb(24, 115, 94) }
```

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

Here you see how a box with a 4 pixel rgb(24, 115, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(24, 115,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4195, -21.9375, 4.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 115, 94) }
```

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

```
.background{ background-color: rgb(24, 115,  
94) }
```

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