

Converting Colors

HunterLab(36.3211, -21.2544,
1.7532)

Have a look what the booklet for
HunterLab(36.3211, -21.2544,
1.7532) contains.

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Color

**HunterLab(36.4508,
-21.4510, 2.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	0D7365
RGB	13, 115, 101
RGB Percent	5%, 45%, 40%
CMY	0.9490, 0.5490, 0.6039
CMYK	0.89, 0.00, 0.12, 0.55
HSL	172°, 80%, 25%
HSV	172°, 89%, 45%
XYZ	8.6457, 13.2866, 14.4208
YIQ	82.9060, -56.2980, -25.9780

Conversions

Conversions Part 2

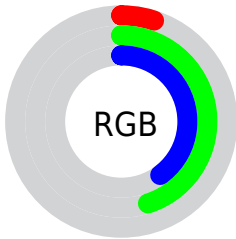
Format	Color
RYB	13, 68, 115
Decimal	881509
CIELab	43.19, -30.27, 0.11
CIELCh	43, 30.272, 179.794
Yxy	13.2871, 0.2378, 0.3655
Android (android.graphics.Color)	4279071589 (0xFF0D7365)
YUV	82.9060, 8.9203, -61.3076
Hunter-Lab	36.4508, -21.4510, 2.0590

Details

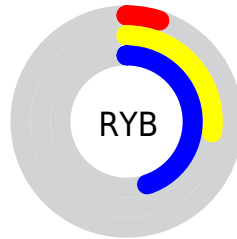
The HunterLab color **36.4508, -21.4510, 2.0590** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.0304, 31.0022, 9.8147**, and the grayscale version is **29.3613, -1.5666, 1.5953**.

A 20% lighter version of the original color is **56.5489, -26.4278, 3.2368**, and **20.4029, -12.8351, 2.2056** is the 20% darker color. If you saturate the color by 10%, you get **36.3051, -22.1247, 2.5326**, and if you desaturate by 10%, it is **36.6513, -20.5663, 1.6449**.

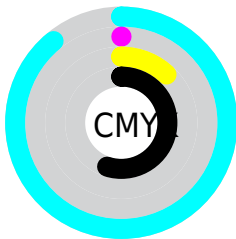
Distribution



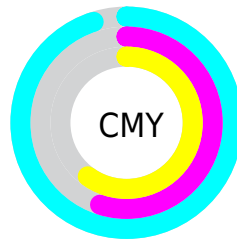
- Red (5%)
- Green (45%)
- Blue (40%)



- Red (5%)
- Yellow (27%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (12%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4508, -21.4510, 2.0590 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 36.4508, -21.4510, 2.0590 by changing the saturation by 10% instead.

■ 36.4508, -21.4510,
2.0590

■ 36.4508, -21.4510,
2.0590

145.8594,
-41.1185, 8.0591

■ 27.6162, -18.8137,
1.5718

■ 56.4080, -26.2829,
3.1575

■ 19.6391, -15.9429,
1.1302

■ 67.4228, -28.5505,
3.7624

■ 12.6248, -12.9147,
0.7400

■ 79.0738, -30.7492,
4.4017

■ 5.9452, -10.4041,
0.3996

■ 91.3279, -32.8938,
5.0735

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.1568,
-34.9954, 5.7764

0.0000, NaN, NaN

■ 117.5358,

0.0000, NaN, NaN

-37.0625, 6.5091

0.0000, NaN, NaN

131.4431,
-39.1017, 7.2703

■ 36.4508, -21.4510,
2.0590

■ 36.4508, -21.4510,
2.0590

■ 36.3051, -22.1247,
2.5326

■ 36.6513, -20.5663,
1.6449

■ 36.2862, -22.2118,
2.5944

■ 36.9321, -19.3658,
1.3255

■ 37.3008, -17.8308,
1.1123

■ 37.7626, -15.9533,
1.0134

■ 38.3208, -13.7352,
1.0339

■ 38.9772, -11.1866,
1.1762

■ 39.7324, -8.3240,
1.4400

■ 40.5859, -5.1690,
1.8232

■ 41.5361, -1.7465,
2.3213

Harmonies

Analogous

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



36.4515, -19.0869, 11.0254



36.4508, -21.4510, 2.0590



36.4515, -19.1506, -10.0295

Triad

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



36.4515, -21.4512, 2.0594



36.4515, 9.6483, -21.2674



36.4515, 9.8023, 15.8384

Complementary

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



36.4508, -21.4510, 2.0590



20.0304, 31.0022, 9.8147

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.



36.4515, 19.1907, 10.9308



36.4508, -21.4510, 2.0590



36.4515, 19.0944, -10.2016

Square

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



36.4515, -21.4512, 2.0594



36.4515, -2.0261, -25.7813



36.4515, 22.7809, 1.9087



36.4515, -1.8677, 17.3271

Rectangle

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



36.4508, -21.4510, 2.0590



36.4515, -15.0965, -17.9050



36.4515, 22.7809, 1.9087



36.4515, 13.3795, 14.6274

Sweetspot

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



36.4515, -21.4512, 2.0594



52.2504, -14.6121, 1.6013



35.4150, -28.2521, 20.6900



25.3999, -7.6009, 0.7479



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.



36.4515, -21.4512, 2.0594



48.5416, -29.8111, 3.6807



26.3806, -5.0358, -20.2873



20.3643, -2.6559, 0.9075



38.7940, -23.7665, 2.8160



85.5839, -52.7943, 6.9953

Inverse Universe

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



20.0304, 31.0022, 9.8147



25.6509, 44.1340, 14.9775



24.1787, 18.4395, 14.2873



19.2569, 0.6206, 1.2862



20.5102, 35.3187, 11.7470



45.1916, 77.6514, 27.1904

Previews

White Background



This preview shows how the HunterLab color 36.4508, -21.4510, 2.0590 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 36.4508, -21.4510, 2.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

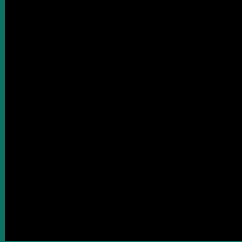
Any Text WCAG AA × Fail

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 36.4508, -21.4510, 2.0590 Background



This preview shows how black text looks on a background with the HunterLab color 36.4508, -21.4510, 2.0590.



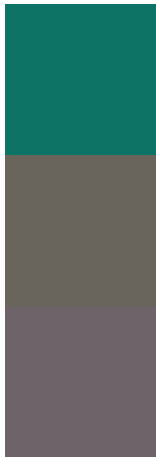
This preview shows how white text looks on a background with the HunterLab color 36.4508,

-21.4510, 2.0590.

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

36.4508, -21.4510, 2.0590

Protanopia

36.1952, -1.9178, 5.3061

Deuteranopia

36.4124, 2.1737, 0.7137



Tritanopia

36.4584, -15.4662, -7.2225

Trichromacy



Original Color

36.4508, -21.4510, 2.0590

Protanomaly

35.3982, -11.8339, 3.0695

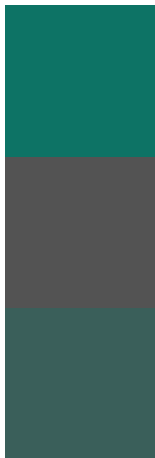
Deuteranomaly

35.4943, -9.5527, -0.1726

Tritanomaly

36.3934, -17.7389, -3.8204

Monochromacy



Original Color

36.4508, -21.4510, 2.0590

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.3403, -11.0890, 0.8184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4508, -21.4510, 2.0590 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(13, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(13, 115, 101)  
}
```

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(13, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 115, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4508, -21.4510, 2.0590 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(13, 115, 101) }
```


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

```
.border{ border-color:rgb(13, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(13, 115,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4508, -21.4510, 2.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 115, 101) }
```

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

```
.background{ background-color: rgb(13, 115,  
101) }
```

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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