

Converting Colors

HunterLab(37.3659, -20.6761,
0.5687)

Have a look what the booklet for
HunterLab(37.3659, -20.6761,
0.5687) contains.

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Color

**HunterLab(37.3715,
-20.6528, 0.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	17756B
RGB	23, 117, 107
RGB Percent	9%, 46%, 42%
CMY	0.9098, 0.5412, 0.5804
CMYK	0.80, 0.00, 0.09, 0.54
HSL	174°, 67%, 27%
HSV	174°, 80%, 46%
XYZ	9.3685, 13.9663, 16.1119
YIQ	87.7540, -52.8140, -23.0380

Conversions

Conversions Part 2

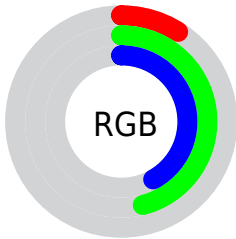
Format	Color
R_{YB}	23, 73, 117
Decimal	1537387
CIE _{Lab}	44.19, -28.45, -2.02
CIE _{LCh}	44, 28.522, 184.058
Yxy	13.9668, 0.2375, 0.3541
Android (android.graphics.Color)	4279727467 (0xFF17756B)
YUV	87.7540, 9.4883, -56.7893
Hunter-Lab	37.3715, -20.6528, 0.5984

Details

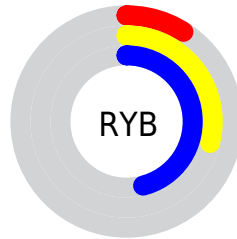
The HunterLab color **37.3715, -20.6528, 0.5984** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.2247, 29.4428, 9.5734**, and the grayscale version is **31.1299, -1.6610, 1.6913**.

A 20% lighter version of the original color is **57.5755, -25.4433, 1.7213**, and **21.1199, -12.5956, 0.7923** is the 20% darker color. If you saturate the color by 10%, you get **37.1912, -21.4450, 0.9095**, and if you desaturate by 10%, it is **37.6340, -19.5456, 0.3882**.

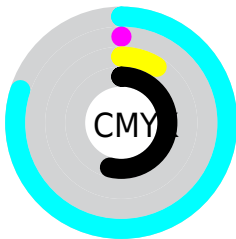
Distribution



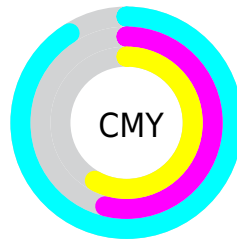
- Red (9%)
- Green (46%)
- Blue (42%)



- Red (9%)
- Yellow (29%)
- Blue (46%)



- Cyan (80%)
- Magenta (0%)
- Yellow (9%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3715, -20.6528, 0.5984 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 37.3715, -20.6528, 0.5984 by changing the saturation by 10% instead.

37.3715, -20.6528,
0.5984

37.3715, -20.6528,
0.5984

147.3175,
-39.3951, 5.7776

28.4563, -18.1736,
0.2332

57.4719, -25.2209,
1.4795

20.3899, -15.4886,
-0.0744

68.5515, -27.3744,
1.9856

13.2741, -12.4977,
-0.3137

80.2637, -29.4676,
2.5313

6.8069, -11.9121,
-0.8586

92.5760, -31.5137,
3.1140

0.0000, NaN, NaN

0.0000, NaN, NaN

105.4606,
-33.5227, 3.7316

0.0000, NaN, NaN

118.8929,

0.0000, NaN, NaN

-35.5021, 4.3824

0.0000, NaN, NaN

132.8516,
-37.4580, 5.0648

■ 37.3715, -20.6528,
0.5984

■ 37.3715, -20.6528,
0.5984

■ 37.1912, -21.4450,
0.9095

■ 37.6340, -19.5456,
0.3882

■ 37.0591, -22.0413,
1.2602

■ 37.9843, -18.1006,
0.2889

■ 38.4287, -16.3074,
0.3088

■ 38.9710, -14.1654,
0.4527

■ 39.6133, -11.6829,
0.7224

■ 40.3567, -8.8749,
1.1173

■ 41.2007, -5.7623,
1.6342

■ 42.1440, -2.3696,
2.2682

■ 43.1845, 1.2764,
3.0130

Harmonies

Analogous

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



37.3722, -19.0042, 9.7328



37.3715, -20.6528, 0.5984



37.3722, -17.7920, -10.9103

Triad

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



37.3722, -20.6530, 0.5989



37.3722, 10.4521, -18.4858



37.3722, 7.5999, 15.8666

Complementary

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



37.3715, -20.6528, 0.5984



21.2247, 29.4428, 9.5734

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.



37.3722, 16.9563, 11.5487



37.3715, -20.6528, 0.5984



37.3722, 18.7307, -7.7572

Square

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



37.3722, -20.6530, 0.5989



37.3722, -0.5046, -23.7485



37.3722, 21.2365, 3.4149



37.3722, -3.4646, 16.9352

Rectangle

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



37.3715, -20.6528, 0.5984



37.3722, -13.4965, -17.9227



37.3722, 21.2365, 3.4149



37.3722, 11.0887, 14.8226

Sweetspot

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



37.3722, -20.6530, 0.5989



53.5608, -13.5368, 1.2485



36.2278, -28.0463, 20.5053



25.5487, -6.9959, 0.5286



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.



37.3722, -20.6530, 0.5989



49.6375, -29.2926, 1.6368



27.1054, -4.5985, -20.1925



20.3688, -2.6308, 0.8431



38.8970, -23.1457, 1.3471



85.8217, -51.3600, 3.6019

Inverse Universe

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



21.2247, 29.4428, 9.5734



26.3858, 44.1084, 15.3539



26.4116, 14.9905, 14.7168



19.2526, 0.5970, 1.3487



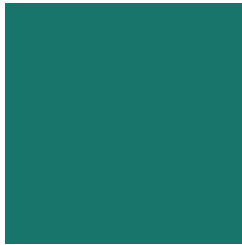
20.4840, 35.2217, 12.1344



45.1473, 77.4872, 27.8469

Previews

White Background



This preview shows how the HunterLab color 37.3715, -20.6528, 0.5984 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 37.3715, -20.6528, 0.5984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

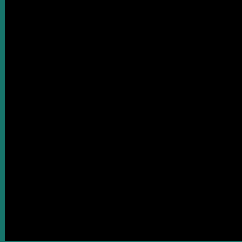
Any Text WCAG AA × Fail

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 37.3715, -20.6528, 0.5984 Background



This preview shows how black text looks on a background with the HunterLab color 37.3715, -20.6528, 0.5984.



This preview shows how white text looks on a background with the HunterLab color 37.3715,

-20.6528, 0.5984.

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

37.3715, -20.6528, 0.5984

Protanopia

37.3193, -1.8575, 4.2095

Deuteranopia

37.1948, 2.4723, -1.0100



Tritanopia

37.5390, -15.7824, -7.2626

Trichromacy



Original Color

37.3715, -20.6528, 0.5984

Protanomaly

36.6512, -11.3101, 2.0514

Deuteranomaly

36.4739, -8.5446, -1.6544

Tritanomaly

37.5368, -17.7533, -4.2530

Monochromacy



Original Color

37.3715, -20.6528, 0.5984

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.9240, -10.7651, 0.6027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3715, -20.6528, 0.5984 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(23, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(23, 117, 107)  
}
```

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(23, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 117, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3715, -20.6528, 0.5984 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(23, 117, 107) }
```


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

```
.border{ border-color:rgb(23, 117, 107) }
```

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

Here you see how a box with a 4 pixel rgb(23, 117, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(23, 117,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3715, -20.6528, 0.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 117, 107) }
```

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

```
.background{ background-color: rgb(23, 117,  
107) }
```

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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