

Converting Colors

HunterLab(37.0488, -20.0140,
10.0249)

Have a look what the booklet for
HunterLab(37.0488, -20.0140,
10.0249) contains.

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Color

**HunterLab(37.0478,
-20.0096, 10.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	397351
RGB	57, 115, 81
RGB Percent	22%, 45%, 32%
CMY	0.7765, 0.5490, 0.6823
CMYK	0.50, 0.00, 0.30, 0.55
HSL	145°, 34%, 34%
HSV	145°, 50%, 45%
XYZ	9.3033, 13.7254, 9.9435
YIQ	93.7820, -23.6540, -22.8700

Conversions

Conversions Part 2

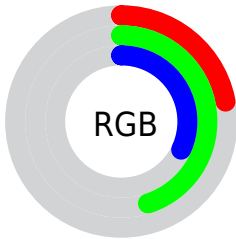
Format	Color
RYB	57, 98, 115
Decimal	3765073
CIELab	43.84, -27.49, 13.10
CIELCh	44, 30.451, 154.516
Yxy	13.7260, 0.2822, 0.4163
Android (android.graphics.Color)	4281955153 (0xFF397351)
YUV	93.7820, -6.3015, -32.2578
Hunter-Lab	37.0478, -20.0096, 10.0202

Details

The HunterLab color **37.0478, -20.0096, 10.0202** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27.0679, 21.3602, -4.6277**, and the grayscale version is **33.4049, -1.7824, 1.8150**.

A 20% lighter version of the original color is **56.9537, -24.3488, 12.6830**, and **20.0594, -14.9340, 7.1658** is the 20% darker color. If you saturate the color by 10%, you get **36.5092, -22.4302, 11.5085**, and if you desaturate by 10%, it is **37.6953, -17.1890, 8.4929**.

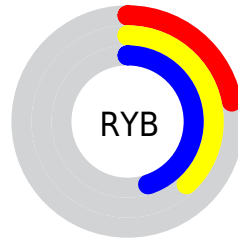
Distribution



 Red (22%)

 Green (45%)

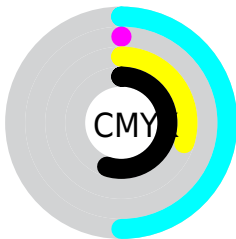
 Blue (32%)




 Red (22%)

 Yellow (38%)

 Blue (45%)

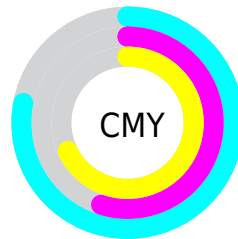


 Cyan (50%)

 Magenta (0%)

 Yellow (30%)

 Black (55%)



 Cyan (78%)

 Magenta (55%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0478, -20.0096, 10.0202 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 37.0478, -20.0096, 10.0202 by changing the saturation by 10% instead.

■ 37.0478, -20.0096,
10.0202

■ 37.0478, -20.0096,
10.0202

■ 146.8057,
-38.3089, 21.6914

■ 28.1608, -17.5983,
8.6452

■ 57.0981, -24.4588,
12.6633

■ 20.1256, -14.9880,
7.2024

■ 68.1551, -26.5585,
13.9571

■ 13.0453, -12.0884,
5.7140

■ 79.8459, -28.6011,
15.2432

■ 6.5178, -11.4061,
4.5625

■ 92.1378, -30.5993,
16.5264

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.0029,
-32.5625, 17.8104

0.0000, NaN, NaN

■ 118.4165,

0.0000, NaN, NaN

-34.4983, 19.0979

0.0000, NaN, NaN

132.3572,
-36.4122, 20.3911

■ 37.0478, -20.0096,
10.0202

■ 37.0478, -20.0096,
10.0202

■ 36.5092, -22.4302,
11.5085

■ 37.6953, -17.1890,
8.4929

■ 36.0743, -24.4386,
12.9389

■ 38.4505, -13.9871,
6.9428

■ 35.7391, -26.0368,
14.2945

■ 39.3138, -10.4322,
5.3868

■ 35.4962, -27.2408,
15.5590

■ 40.2836, -6.5568,
3.8400

■ 35.3157, -28.1603,
16.6485

■ 41.3573, -2.3962,
2.3153

■ 42.5315, 2.0135,
0.8239

■ 43.8024, 6.6373,
-0.6257

■ 45.1655, 11.4422,
-2.0267

■ 46.6162, 16.3979,
-3.3746

Harmonies

Analogous

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



37.0486, -13.7688, 15.5670



37.0478, -20.0096, 10.0202



37.0486, -21.6631, 0.3100

Triad

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



37.0486, -20.0101, 10.0206



37.0486, -0.2094, -25.9174



37.0486, 18.2077, 12.1219

Complementary

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



37.0478, -20.0096, 10.0202



27.0679, 21.3602, -4.6277

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.



37.0486, 22.9299, 3.6458



37.0478, -20.0096, 10.0202



37.0486, 11.4991, -20.0215

Square

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



37.0486, -20.0101, 10.0206



37.0486, -11.0793, -22.6474



37.0486, 20.3363, -8.3016



37.0486, 8.0949, 16.4931

Rectangle

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



37.0478, -20.0096, 10.0202



37.0486, -20.1368, -7.8915



37.0486, 20.3363, -8.3016



37.0486, 20.5310, 9.7722

Sweetspot

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



37.0486, -20.0101, 10.0206



53.2439, -11.3964, 6.1622



38.5000, -15.1539, 17.4969



25.9009, -5.9874, 3.1791



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.



37.0486, -20.0101, 10.0206



48.7166, -30.6445, 15.8223



37.7364, -15.9480, 0.1525



20.3003, -3.0122, 1.8218



37.7537, -30.1429, 17.8811



83.2445, -67.1475, 40.9037

Inverse Universe

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



27.0679, 21.3602, -4.6277



32.8663, 35.6769, -7.0276



26.3211, 17.8574, 6.0041



19.3223, 0.9724, 0.3550



21.5209, 39.0142, -2.8300



47.3247, 85.4627, -3.6654

Previews

White Background



This preview shows how the HunterLab color 37.0478, -20.0096, 10.0202 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 37.0478, -20.0096, 10.0202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

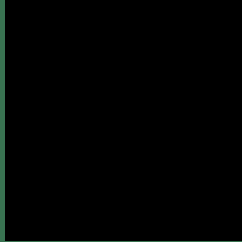
Any Text WCAG AA × Fail

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 37.0478, -20.0096, 10.0202 Background



This preview shows how black text looks on a background with the HunterLab color 37.0478, -20.0096, 10.0202.



This preview shows how white text looks on a background with the HunterLab color 37.0478,

-20.0096, 10.0202.

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

37.0478, -20.0096, 10.0202

Protanopia

36.8806, -3.0240, 11.6807

Deuteranopia

36.8196, 2.5053, 9.2257



Tritanopia

36.9825, -10.5627, -5.3766

Trichromacy



Original Color

37.0478, -20.0096, 10.0202

Protanomaly

36.4549, -10.1934, 10.5623

Deuteranomaly

36.4267, -7.1848, 9.0001

Tritanomaly

36.9662, -14.5017, 1.0891

Monochromacy



Original Color

37.0478, -20.0096, 10.0202

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.6025, -9.2374, 4.9660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0478, -20.0096, 10.0202 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(57, 115, 81)` looks like.

```
.text, #text, p{  
    color:rgb(57, 115, 81)  
}
```

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(57, 115, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 115, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0478, -20.0096, 10.0202 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(57, 115, 81) }
```


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

```
.border{ border-color:rgb(57, 115, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 115, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 115, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 115, 81);  
box-shadow:4px 4px 4px 4px rgb(57, 115,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0478, -20.0096, 10.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 115, 81) }
```

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

```
.background{ background-color: rgb(57, 115,  
81) }
```

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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