

Converting Colors

HunterLab(37.6629, -12.0849,
1.9874)

Have a look what the booklet for
HunterLab(37.6629, -12.0849,
1.9874) contains.

HunterLab(37.6095, -12.0692, 1.8947)	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(37.6095,
-12.0692, 1.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7069
RGB	76, 112, 105
RGB Percent	30%, 44%, 41%
CMY	0.7020, 0.5608, 0.5882
CMYK	0.32, 0.00, 0.06, 0.56
HSL	168°, 19%, 37%
HSV	168°, 32%, 44%
XYZ	11.3244, 14.1447, 15.4979
YIQ	100.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

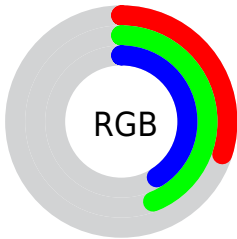
Format	Color
R_{YB}	76, 96, 112
Decimal	5009513
CIE Lab	44.44, -14.48, -0.22
CIE LCh	44, 14.484, 180.858
Yxy	14.1453, 0.2764, 0.3453
Android (android.graphics.Color)	4283199593 (0xFF4C7069)
YUV	100.4380, 2.2491, -21.4321
Hunter-Lab	37.6095, -12.0692, 1.8947

Details

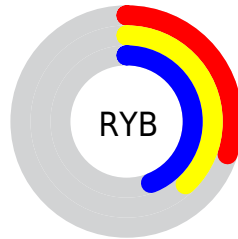
The HunterLab color $37.6095, -12.0692, 1.8947$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30.3949, 10.4003, 2.9469$, and the grayscale version is $35.8607, -1.9134, 1.9484$.

A 20% lighter version of the original color is $57.7813, -14.9883, 3.0685$, and $20.5754, -9.0803, 0.9846$ is the 20% darker color. If you saturate the color by 10%, you get $36.9886, -14.5392, 2.0437$, and if you desaturate by 10%, it is $38.3276, -9.2913, 1.8606$.

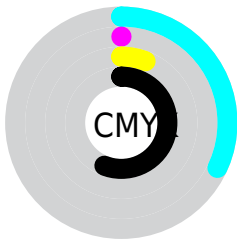
Distribution



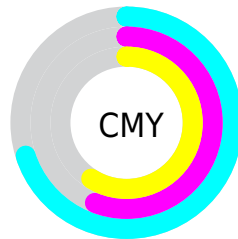
- Red (30%)
- Green (44%)
- Blue (41%)



- Red (30%)
- Yellow (38%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (70%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6095, -12.0692, 1.8947 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 37.6095, -12.0692, 1.8947 by changing the saturation by 10% instead.

■ 37.6095, -12.0692,
1.8947

■ 37.6095, -12.0692,
1.8947

147.6933,
-24.3051, 7.7998

■ 28.6737, -10.6197,
1.4219

■ 57.7466, -14.8552,
2.9680

■ 20.5845, -9.1008,
0.9960

■ 68.8428, -16.2166,
3.5615

■ 13.4429, -7.4672,
0.6236

■ 80.5707, -17.5677,
4.1899

■ 7.0114, -9.3750,
0.2534

■ 92.8980, -18.9134,
4.8514

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7968,
-20.2575, 5.5444

0.0000, NaN, NaN

119.2428,

0.0000, NaN, NaN

-21.6028, 6.2676

0.0000, NaN, NaN

133.2147,
-22.9514, 7.0198

■ 37.6095, -12.0692,
1.8947

■ 37.6095, -12.0692,
1.8947

■ 36.9886, -14.5392,
2.0437

■ 38.3276, -9.2913,
1.8606

■ 36.4619, -16.6843,
2.3036

■ 39.1404, -6.2246,
1.9400

■ 36.0281, -18.4965,
2.6699

■ 40.0473, -2.8936,
2.1317

■ 35.6835, -19.9756,
3.1352

■ 41.0462, 0.6754,
2.4322

■ 35.4227, -21.1312,
3.6892

■ 42.1343, 4.4555,
2.8368

■ 35.2379, -21.9861,
4.3186

■ 43.3085, 8.4201,
3.3397

■ 35.1152, -22.5683,
4.8275

■ 44.5652, 12.5439,
3.9348

■ 45.9007, 16.8034,
4.6154

■ 47.3111, 21.1772,
5.3748

Harmonies

Analogous

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



37.6103, -10.8603, 6.6512



37.6095, -12.0692, 1.8947



37.6103, -10.7158, -3.5246

Triad

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



37.6103, -12.0697, 1.8952



37.6103, 3.6072, -7.7219



37.6103, 3.3154, 9.8598

Complementary

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



37.6095, -12.0692, 1.8947



30.3949, 10.4003, 2.9469

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.



37.6103, 7.5702, 6.8787



37.6095, -12.0692, 1.8947



37.6103, 7.7454, -3.2241

Square

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



37.6103, -12.0697, 1.8952



37.6103, -1.8492, -9.5478



37.6103, 9.2352, 2.1986



37.6103, -2.1681, 10.8285

Rectangle

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



37.6095, -12.0692, 1.8947



37.6103, -8.4939, -6.6818



37.6103, 9.2352, 2.1986



37.6103, 4.9478, 9.0833

Sweetspot

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



37.6103, -12.0697, 1.8952



52.0934, -7.4453, 2.6078



37.3615, -14.3381, 11.9200



25.4718, -3.8782, 1.2675



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.



37.6103, -12.0697, 1.8952



49.1889, -18.6113, 2.6545



34.7175, -6.3656, -4.8988



19.5054, -2.5760, 0.9839



37.7511, -24.2904, 5.2504



84.1848, -54.6534, 12.7574

Inverse Universe

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



30.3949, 10.4003, 2.9469



37.4894, 18.0430, 4.4741



32.7887, 4.5668, 7.9200



18.4693, 0.6217, 1.1204



20.1133, 34.7584, 10.5647



44.7796, 77.1649, 25.2266

Previews

White Background



This preview shows how the HunterLab color 37.6095, -12.0692, 1.8947 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 37.6095, -12.0692, 1.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

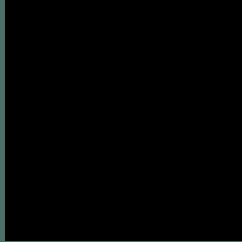
Any Text WCAG AA × Fail

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 37.6095, -12.0692, 1.8947 Background



This preview shows how black text looks on a background with the HunterLab color 37.6095, -12.0692, 1.8947.



This preview shows how white text looks on a background with the HunterLab color 37.6095,

-12.0692, 1.8947.

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

37.6095, -12.0692, 1.8947

Protanopia

37.4545, -1.2852, 3.5671

Deuteranopia

37.3448, 2.7441, 0.9758



Tritanopia

37.6112, -8.2508, -4.4810

Trichromacy



Original Color

37.6095, -12.0692, 1.8947

Protanomaly

37.3651, -5.7704, 2.9768

Deuteranomaly

37.2197, -3.2268, 1.1569

Tritanomaly

37.6875, -9.7634, -1.9928

Monochromacy



Original Color

37.6095, -12.0692, 1.8947

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1719, -5.7468, 1.5841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6095, -12.0692, 1.8947 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(76, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(76, 112, 105)  
}
```

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(76, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 112, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6095, -12.0692, 1.8947 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(76, 112, 105) }
```


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

```
.border{ border-color:rgb(76, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(76, 112,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6095, -12.0692, 1.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 112, 105) }
```

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

```
.background{ background-color: rgb(76, 112,  
105) }
```

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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