

Converting Colors

HunterLab(37.7815, -16.0577,
-0.1276)

Have a look what the booklet for
HunterLab(37.7815, -16.0577,
-0.1276) contains.

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Color

**HunterLab(37.7200,
-15.9615, -0.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	38736E
RGB	56, 115, 110
RGB Percent	22%, 45%, 43%
CMY	0.7804, 0.5490, 0.5686
CMYK	0.51, 0.00, 0.04, 0.55
HSL	175°, 35%, 34%
HSV	175°, 51%, 45%
XYZ	10.5761, 14.2280, 16.9407
YIQ	96.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

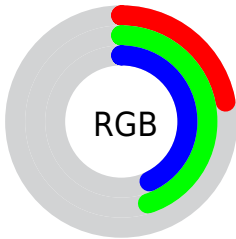
Format	Color
RYB	56, 87, 115
Decimal	3699566
CIELab	44.56, -20.54, -3.16
CIELCh	45, 20.777, 188.742
Yxy	14.2285, 0.2534, 0.3408
Android (android.graphics.Color)	4281889646 (0xFF38736E)
YUV	96.7890, 6.5130, -35.7720
Hunter-Lab	37.7200, -15.9615, -0.2241




Details

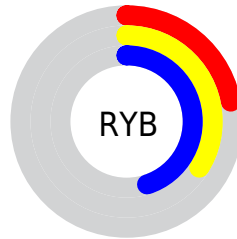
The HunterLab color $[37.7200, -15.9615, -0.2241]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[26.0970, 18.1271, 6.3668]$, and the grayscale version is $[34.4817, -1.8399, 1.8735]$.




A 20% lighter version of the original color is $[57.7917, -19.4829, 0.6775]$, and $[20.9122, -11.8056, -0.6535]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3005, -17.6458, -0.3334]$, and if you desaturate by 10%, it is $[38.2364, -13.9365, 0.0084]$.

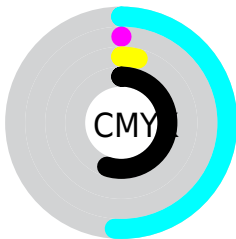
Distribution







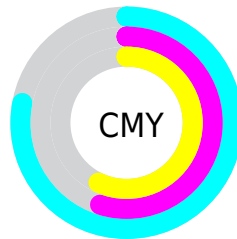
-  Red (22%)
-  Green (45%)
-  Blue (43%)






-  Red (22%)
-  Yellow (34%)
-  Blue (45%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (55%)



-  Cyan (78%)
-  Magenta (55%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7200, -15.9615, -0.2241 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 37.7200, -15.9615, -0.2241 by changing the saturation by 10% instead.

■ 37.7200, -15.9615,
-0.2241

■ 37.7200, -15.9615,
-0.2241

■ 147.8675,
-30.9677, 4.5227

■ 28.7746, -14.0782,
-0.5264

■ 57.8740, -19.5019,
0.5437

■ 20.6749, -12.0701,
-0.7656

■ 68.9779, -21.1998,
0.9979

■ 13.5213, -9.8658,
-0.9294

■ 80.7131, -22.8668,
1.4943

■ 7.1042, -12.4324,
-1.4557

■ 93.0473, -24.5112,
2.0299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9527,
-26.1392, 2.6024

0.0000, NaN, NaN

■ 119.4051,

0.0000, NaN, NaN

-27.7556, 3.2099

0.0000, NaN, NaN

133.3830,
-29.3641, 3.8504

■ 37.7200, -15.9615,
-0.2241

■ 37.7200, -15.9615,
-0.2241

■ 37.3005, -17.6458,
-0.3334

■ 38.2364, -13.9365,
0.0084

■ 36.9717, -18.9902,
-0.3252

■ 38.8498, -11.5766,
0.3640

■ 36.7288, -20.0070,
-0.2064

■ 39.5619, -8.8958,
0.8419

■ 36.5639, -20.7191,
0.0121

■ 40.3727, -5.9136,
1.4387

■ 36.4514, -21.2170,
0.2403

■ 41.2808, -2.6533,
2.1491

■ 42.2843, 0.8593,
2.9665

■ 43.3805, 4.5971,
3.8834

■ 44.5662, 8.5334,
4.8918

■ 45.8377, 12.6423,
5.9834

Harmonies

Analogous

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



37.7207, -15.2262, 6.9529



37.7200, -15.9615, -0.2241



37.7207, -13.2094, -8.2242

Triad

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



37.7207, -15.9618, -0.2236



37.7207, 8.0330, -11.1362



37.7207, 3.6875, 13.2440

Complementary

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



37.7200, -15.9615, -0.2241



26.0970, 18.1271, 6.3668

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.



37.7207, 10.6600, 10.0648



37.7200, -15.9615, -0.2241



37.7207, 13.3098, -3.6070

Square

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



37.7207, -15.9618, -0.2236



37.7207, 0.3360, -15.3262



37.7207, 14.3089, 4.1964



37.7207, -4.3092, 13.7808

Rectangle

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



37.7200, -15.9615, -0.2241



37.7207, -9.6214, -12.6073



37.7207, 14.3089, 4.1964



37.7207, 6.2470, 12.4861

Sweetspot

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



37.7207, -15.9618, -0.2236



53.5648, -9.5928, 1.5796



36.8354, -21.6954, 16.2954



26.0740, -5.0117, 0.7062



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.



37.7207, -15.9618, -0.2236



49.8004, -24.0714, -0.4573



31.0319, -5.4057, -11.9636



20.3720, -2.6132, 0.7978



38.9717, -22.6968, 0.2846



85.9944, -50.3206, 1.1423

Inverse Universe

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



26.0970, 18.1271, 6.3668



31.3888, 30.8749, 10.4133



30.9996, 6.9250, 12.0667



19.2495, 0.5806, 1.3923



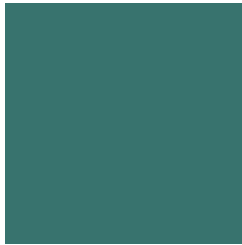
20.4685, 35.1639, 12.3650



45.1224, 77.3951, 28.2152

Previews

White Background



This preview shows how the HunterLab color 37.7200, -15.9615, -0.2241 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 37.7200, -15.9615, -0.2241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

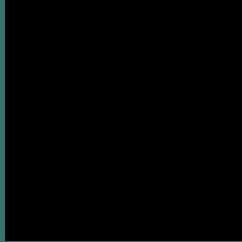
Any Text WCAG AA × Fail

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 37.7200, -15.9615, -0.2241 Background



This preview shows how black text looks on a background with the HunterLab color 37.7200, -15.9615, -0.2241.



This preview shows how white text looks on a background with the HunterLab color 37.7200,

-15.9615, -0.2241.

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

37.7200, -15.9615, -0.2241

Protanopia

37.4512, -1.1366, 2.3236

Deuteranopia

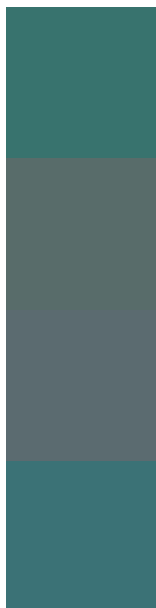
37.5160, 2.3267, -1.5322



Tritanopia

37.6511, -12.4052, -6.0111

Trichromacy



Original Color

37.7200, -15.9615, -0.2241

Protanomaly

37.2027, -7.5832, 1.0602

Deuteranomaly

37.2953, -5.4559, -1.4839

Tritanomaly

37.7789, -13.7098, -3.8596

Monochromacy



Original Color

37.7200, -15.9615, -0.2241

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5721, -7.9154, 0.8291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7200, -15.9615, -0.2241 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(56, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(56, 115, 110)  
}
```

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(56, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 115, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7200, -15.9615, -0.2241 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(56, 115, 110) }
```


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

```
.border{ border-color:rgb(56, 115, 110) }
```

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

Here you see how a box with a 4 pixel rgb(56, 115, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(56, 115,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7200, -15.9615, -0.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 115, 110) }
```

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

```
.background{ background-color: rgb(56, 115,  
110) }
```

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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