

Converting Colors

HunterLab(38.1688, -13.9240,
0.8093)

Have a look what the booklet for
HunterLab(38.1688, -13.9240,
0.8093) contains.

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Color

**HunterLab(38.2502,
-13.9935, 0.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	45736D
RGB	69, 115, 109
RGB Percent	27%, 45%, 43%
CMY	0.7294, 0.5490, 0.5725
CMYK	0.40, 0.00, 0.05, 0.55
HSL	172°, 25%, 36%
HSV	172°, 40%, 45%
XYZ	11.3453, 14.6308, 16.6941
YIQ	100.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

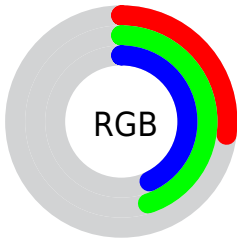
Format	Color
R_{YB}	69, 94, 115
Decimal	4551533
CIE _{Lab}	45.13, -17.28, -1.66
CIE _{LCh}	45, 17.361, 185.477
Yxy	14.6314, 0.2659, 0.3429
Android (android.graphics.Color)	4282741613 (0xFF45736D)
YUV	100.5620, 4.1599, -27.6799
Hunter-Lab	38.2502, -13.9935, 0.8984

Details

The HunterLab color $38.2502, -13.9935, 0.8984$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $28.9991, 13.6911, 4.4980$, and the grayscale version is $35.9021, -1.9156, 1.9506$.

A 20% lighter version of the original color is $58.4539, -17.0670, 1.9868$, and $21.2145, -10.6614, 0.1486$ is the 20% darker color. If you saturate the color by 10%, you get $37.7077, -16.1545, 0.8634$, and if you desaturate by 10%, it is $38.8923, -11.5010, 1.0565$.

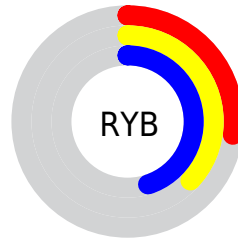
Distribution



Red (27%)

Green (45%)

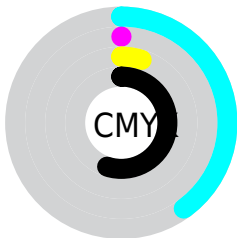
Blue (43%)



Red (27%)

Yellow (37%)

Blue (45%)

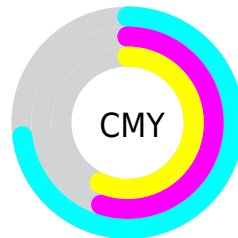


Cyan (40%)

Magenta (0%)

Yellow (5%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2502, -13.9935, 0.8984 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 38.2502, -13.9935, 0.8984 by changing the saturation by 10% instead.

■ 38.2502, -13.9935,
0.8984

■ 38.2502, -13.9935,
0.8984

148.7024,
-27.4940, 6.2511

■ 29.2593, -12.3498,
0.5073

■ 58.4852, -17.1205,
1.8257

■ 21.1093, -10.6142,
0.1711

■ 69.6258, -18.6350,
2.3527

■ 13.8989, -8.7315,
-0.1005

■ 81.3957, -20.1303,
2.9181

■ 7.5325, -10.3998,
-0.5019

■ 93.7629, -21.6127,
3.5197

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7000,
-23.0870, 4.1553

0.0000, NaN, NaN

120.1826,

0.0000, NaN, NaN

-24.5569, 4.8234

0.0000, NaN, NaN

134.1898,
-26.0251, 5.5224

■ 38.2502, -13.9935,
0.8984

■ 38.2502, -13.9935,
0.8984

■ 37.7077, -16.1545,
0.8634

■ 38.8923, -11.5010,
1.0565

■ 37.2605, -17.9740,
0.9475

■ 39.6324, -8.6913,
1.3360

■ 36.9057, -19.4518,
1.1458

■ 40.4708, -5.5859,
1.7351

■ 36.6379, -20.5972,
1.4502

■ 41.4063, -2.2092,
2.2497

■ 36.4499, -21.4310,
1.8491

■ 42.4365, 1.4122,
2.8742

■ 36.3071, -22.0863,
2.2974

■ 43.5586, 5.2509,
3.6018

■ 36.3071, -22.0864,
2.2975

■ 44.7694, 9.2800,
4.4253

■ 46.0651, 13.4738,
5.3371

■ 47.4419, 17.8083,
6.3296

Harmonies

Analogous

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



38.2510, -13.0288, 6.8089



38.2502, -13.9935, 0.8984



38.2510, -11.9396, -5.6993

Triad

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



38.2510, -13.9939, 0.8989



38.2510, 5.6908, -9.2488



38.2510, 3.4287, 11.6040

Complementary

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



38.2502, -13.9935, 0.8984



28.9991, 13.6911, 4.4980

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.



38.2510, 8.9747, 8.5092



38.2502, -13.9935, 0.8984



38.2510, 10.3422, -3.3374

Square

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



38.2510, -13.9939, 0.8989



38.2510, -0.8109, -12.1668



38.2510, 11.5831, 3.2287



38.2510, -3.2598, 12.3469

Rectangle

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



38.2502, -13.9935, 0.8984



38.2510, -9.0455, -9.3989



38.2510, 11.5831, 3.2287



38.2510, 5.5024, 10.8338

Sweetspot

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



38.2510, -13.9939, 0.8989



53.8843, -8.4706, 2.1841



37.6735, -17.9915, 14.0381



26.2649, -4.3358, 1.0402



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.



38.2510, -13.9939, 0.8989



50.5076, -21.4193, 1.1534



33.5616, -5.9229, -8.0779



20.3653, -2.6504, 0.8933



38.8164, -23.6316, 2.4968



85.6355, -52.4829, 6.2586

Inverse Universe

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



28.9991, 13.6911, 4.4980



35.6480, 23.4857, 7.1459



32.7250, 5.2514, 10.0558



19.2560, 0.6154, 1.3000



20.5040, 35.2958, 11.8385



45.1809, 77.6117, 27.3489

Previews

White Background



This preview shows how the HunterLab color 38.2502, -13.9935, 0.8984 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 38.2502, -13.9935, 0.8984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

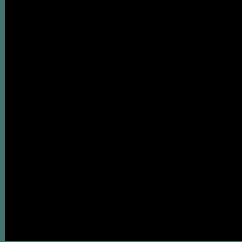
Any Text WCAG AA × Fail

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 38.2502, -13.9935, 0.8984 Background



This preview shows how black text looks on a background with the HunterLab color 38.2502, -13.9935, 0.8984.



This preview shows how white text looks on a background with the HunterLab color 38.2502,

-13.9935, 0.8984.

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

38.2502, -13.9935, 0.8984

Protanopia

38.1559, -1.4684, 3.1350

Deuteranopia

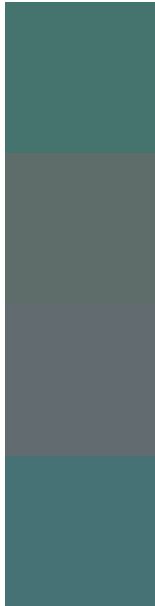
38.0102, 2.5821, -0.4443



Tritanopia

38.2009, -10.3570, -5.2191

Trichromacy



Original Color

38.2502, -13.9935, 0.8984

Protanomaly

37.8914, -6.5471, 1.8977

Deuteranomaly

37.7621, -3.8582, -0.4112

Tritanomaly

38.2865, -11.8626, -2.6778

Monochromacy



Original Color

38.2502, -13.9935, 0.8984

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.6489, -6.7968, 1.2762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2502, -13.9935, 0.8984 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(69, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(69, 115, 109)  
}
```

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(69, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 115, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2502, -13.9935, 0.8984 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(69, 115, 109) }
```


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

```
.border{ border-color:rgb(69, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(69, 115,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2502, -13.9935, 0.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 115, 109) }
```

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

```
.background{ background-color: rgb(69, 115,  
109) }
```

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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