

Converting Colors

HunterLab(38.3732, -9.7232,
1.3011)

Have a look what the booklet for
HunterLab(38.3732, -9.7232, 1.3011)
contains.

HunterLab(38.2410, -9.5046, 0.9659)	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(38.2410, -9.5046,
0.9659)**

Conversions

Conversions Part 1

Format	Color
Hex	55706D
RGB	85, 112, 109
RGB Percent	33%, 44%, 43%
CMY	0.6667, 0.5608, 0.5725
CMYK	0.24, 0.00, 0.03, 0.56
HSL	173°, 14%, 39%
HSV	173°, 24%, 44%
XYZ	12.3008, 14.6237, 16.6423
YIQ	103.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

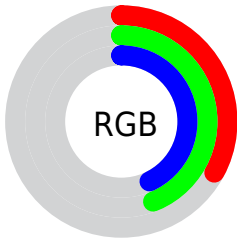
Format	Color
R_{YB}	85, 99, 112
Decimal	5599341
CIE _{Lab}	45.12, -10.51, -1.56
CIE _{LCh}	45, 10.630, 188.457
Yxy	14.6243, 0.2823, 0.3357
Android (android.graphics.Color)	4283789421 (0xFF55706D)
YUV	103.5850, 2.6696, -16.2990
Hunter-Lab	38.2410, -9.5046, 0.9659

Details

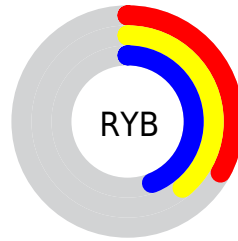
The HunterLab color $38.2410, -9.5046, 0.9659$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.6293, 6.8633, 3.4489$, and the grayscale version is $37.0445, -1.9766, 2.0127$.

A 20% lighter version of the original color is $58.5149, -12.0685, 2.1470$, and $21.0854, -6.9346, 0.0563$ is the 20% darker color. If you saturate the color by 10%, you get $37.5690, -12.0711, 0.6560$, and if you desaturate by 10%, it is $39.0099, -6.6438, 1.3937$.

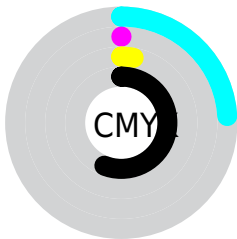
Distribution



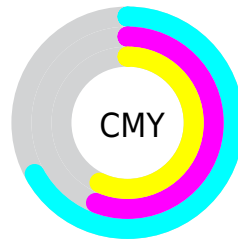
- Red (33%)
- Green (44%)
- Blue (43%)



- Red (33%)
- Yellow (39%)
- Blue (44%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2410, -9.5046, 0.9659 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 38.2410, -9.5046, 0.9659 by changing the saturation by 10% instead.

■ 38.2410, -9.5046,
0.9659

■ 38.2410, -9.5046,
0.9659

148.6879,
-19.9612, 6.3553

■ 29.2509, -8.3333,
0.5694

■ 58.4746, -11.8067,
1.9029

■ 21.1018, -7.1284,
0.2274

■ 69.6146, -12.9521,
2.4343

■ 13.8923, -5.8619,
-0.0509

■ 81.3839, -14.1002,
3.0039

■ 7.5253, -6.4900,
-0.4515

■ 93.7506, -15.2540,
3.6094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6870,
-16.4157, 4.2489

0.0000, NaN, NaN

120.1692,

0.0000, NaN, NaN

-17.5867, 4.9206

0.0000, NaN, NaN

134.1758,
-18.7683, 5.6232

■ 38.2410, -9.5046,
0.9659

■ 38.2410, -9.5046,
0.9659

■ 37.5690, -12.0711,
0.6560

■ 39.0099, -6.6438,
1.3937

■ 36.9916, -14.3237,
0.4642

■ 39.8725, -3.5090,
1.9337

■ 36.5082, -16.2508,
0.3908

■ 40.8277, -0.1256,
2.5812

■ 36.1163, -17.8472,
0.4331

■ 41.8730, 3.4805,
3.3297

■ 35.8118, -19.1167,
0.5853

■ 43.0056, 7.2831,
4.1719

■ 35.5887, -20.0725,
0.8389

■ 44.2219, 11.2569,
5.1003

■ 35.4360, -20.7521,
1.1780

■ 45.5184, 15.3780,
6.1074

■ 35.3558, -21.1143,
1.3881

■ 46.8913, 19.6245,
7.1858

■ 48.3367, 23.9767,
8.3283

Harmonies

Analogous

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



38.2418, -9.0771, 4.7247



38.2410, -9.5046, 0.9659



38.2418, -8.0005, -2.8626

Triad

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



38.2418, -9.5052, 0.9665



38.2418, 2.9657, -4.2433



38.2418, 0.8844, 8.3993

Complementary

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



38.2410, -9.5046, 0.9659



32.6293, 6.8633, 3.4489

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.



38.2418, 4.3041, 6.4428



38.2410, -9.5046, 0.9659



38.2418, 5.5404, -0.7647

Square

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



38.2418, -9.5052, 0.9665



38.2418, -0.8806, -6.0703



38.2418, 6.0402, 3.1641



38.2418, -3.1907, 8.7588

Rectangle

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



38.2410, -9.5046, 0.9659



38.2418, -6.0651, -4.8489



38.2418, 6.0402, 3.1641



38.2418, 2.1535, 7.9172

Sweetspot

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



38.2418, -9.5052, 0.9665



52.4821, -5.9654, 2.3273



37.8508, -12.1336, 9.6484



25.7021, -3.0031, 1.1268



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.



38.2418, -9.5052, 0.9665



50.1661, -14.5702, 1.0291



35.4058, -4.5450, -3.9339



19.5169, -2.5119, 0.8193



38.0112, -22.7178, 1.5306



84.7912, -50.9847, 4.0797

Inverse Universe

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



32.6293, 6.8633, 3.4489



41.0754, 12.0306, 5.0891



35.1407, 1.7246, 7.1828



18.4580, 0.5610, 1.2810



20.0306, 34.4523, 11.7863



44.6310, 76.6145, 27.4250

Previews

White Background



This preview shows how the HunterLab color 38.2410, -9.5046, 0.9659 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 38.2410, -9.5046, 0.9659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

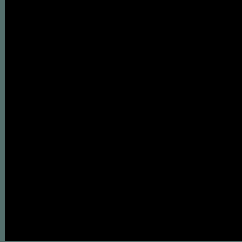
Any Text WCAG AA × Fail

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 38.2410, -9.5046, 0.9659 Background



This preview shows how black text looks on a background with the HunterLab color 38.2410, -9.5046, 0.9659.



This preview shows how white text looks on a background with the HunterLab color 38.2410, -9.5046,

0.9659.

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

38.2410, -9.5046, 0.9659

Protanopia

38.1272, -1.4602, 2.2640

Deuteranopia

38.0697, 2.7236, 0.0843



Tritanopia

38.0920, -6.5104, -3.8070

Trichromacy



Original Color

38.2410, -9.5046, 0.9659

Protanomaly

38.0736, -4.4061, 1.7225

Deuteranomaly

37.9169, -1.9659, 0.2626

Tritanomaly

38.1905, -7.8636, -1.7856

Monochromacy



Original Color

38.2410, -9.5046, 0.9659

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.5465, -4.9062, 1.5179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2410, -9.5046, 0.9659 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(85, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(85, 112, 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(85, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 112, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2410, -9.5046, 0.9659 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(85, 112, 109) }
```


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

```
.border{ border-color:rgb(85, 112, 109) }
```

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

Here you see how a box with a 4 pixel rgb(85, 112, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(85, 112,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2410, -9.5046, 0.9659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 112, 109) }
```

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

```
.background{ background-color: rgb(85, 112,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor