

Converting Colors

HunterLab(38.0941, -12.3991,
3.1724)

Have a look what the booklet for
HunterLab(38.0941, -12.3991,
3.1724) contains.

HunterLab(37.9595, -12.3743, 3.1312)	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(37.9595,
-12.3743, 3.1312)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7167
RGB	78, 113, 103
RGB Percent	31%, 44%, 40%
CMY	0.6941, 0.5569, 0.5961
CMYK	0.31, 0.00, 0.09, 0.56
HSL	163°, 18%, 37%
HSV	163°, 31%, 44%
XYZ	11.4952, 14.4092, 15.0074
YIQ	101.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

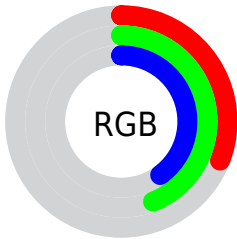
Format	Color
R _Y B	78, 98, 113
Decimal	5140839
CIE Lab	44.82, -14.87, 1.54
CIE LCh	45, 14.946, 174.078
Yxy	14.4098, 0.2810, 0.3522
Android (android.graphics.Color)	4283330919 (0xFF4E7167)
YUV	101.3950, 0.7913, -20.5174
Hunter-Lab	37.9595, -12.3743, 3.1312

Details

The HunterLab color $37.9595, -12.3743, 3.1312$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.0877, 10.4584, 1.7300$, and the grayscale version is $36.2257, -1.9329, 1.9682$.

A 20% lighter version of the original color is $58.1658, -15.2803, 4.4112$, and $20.8744, -9.4302, 2.0709$ is the 20% darker color. If you saturate the color by 10%, you get $37.2951, -15.0648, 3.6421$, and if you desaturate by 10%, it is $38.7233, -9.3725, 2.7231$.

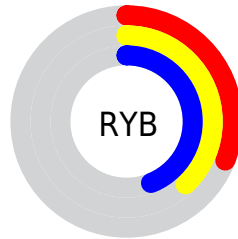
Distribution



Red (31%)

Green (44%)

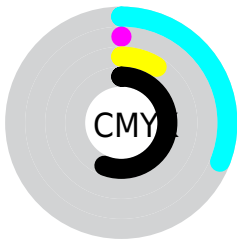
Blue (40%)



Red (31%)

Yellow (38%)

Blue (44%)

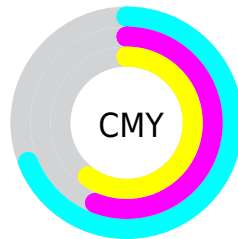


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9595, -12.3743, 3.1312 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 37.9595, -12.3743, 3.1312 by changing the saturation by 10% instead.

■ 37.9595, -12.3743,
3.1312

■ 37.9595, -12.3743,
3.1312

148.2450,
-24.7811, 9.7620

■ 28.9935, -10.8999,
2.5493

■ 58.1502, -15.2053,
4.3980

■ 20.8710, -9.3539,
2.0026

■ 69.2707, -16.5873,
5.0789

■ 13.6917, -7.6904,
1.4928

■ 81.0216, -17.9578,
5.7901

■ 7.3010, -9.2623,
1.2730

■ 93.3708, -19.3220,
6.5302

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2905,
-20.6839, 7.2984

0.0000, NaN, NaN

119.7566,

0.0000, NaN, NaN

-22.0463, 8.0937

0.0000, NaN, NaN

133.7478,
-23.4114, 8.9151

■ 37.9595, -12.3743,
3.1312

■ 37.9595, -12.3743,
3.1312

■ 37.2951, -15.0648,
3.6421

■ 38.7233, -9.3725,
2.7231

■ 36.7273, -17.4238,
4.2491

■ 39.5836, -6.0811,
2.4194

■ 36.2552, -19.4401,
4.9448

■ 40.5393, -2.5273,
2.2215

■ 35.8754, -21.1102,
5.7193

■ 41.5881, 1.2607,
2.1286

■ 35.5830, -22.4408,
6.5603

■ 42.7269, 5.2546,
2.1380

■ 35.3707, -23.4504,
7.4532

■ 43.9524, 9.4268,
2.2462

■ 35.2144, -24.2173,
8.2632

■ 45.2608, 13.7512,
2.4485

■ 46.6481, 18.2042,
2.7397

■ 48.1104, 22.7643,
3.1142

Harmonies

Analogous

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



37.9603, -10.5427, 7.7144



37.9595, -12.3743, 3.1312



37.9603, -11.5704, -2.4623

Triad

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



37.9603, -12.3748, 3.1317



37.9603, 2.5720, -8.8000



37.9603, 4.6539, 9.6105

Complementary

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



37.9595, -12.3743, 3.1312



31.0877, 10.4584, 1.7300

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.



37.9603, 8.5625, 6.0976



37.9595, -12.3743, 3.1312



37.9603, 7.3114, -4.6101

Square

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



37.9603, -12.3748, 3.1317



37.9603, -3.1575, -9.9044



37.9603, 9.5626, 0.9690



37.9603, -0.8842, 11.0814

Rectangle

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



37.9595, -12.3743, 3.1312



37.9603, -9.6215, -5.9699



37.9603, 9.5626, 0.9690



37.9603, 6.2148, 8.6569

Sweetspot

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



37.9603, -12.3748, 3.1317



53.1807, -7.3374, 3.1815



38.0265, -13.2555, 11.9612



25.5064, -3.7851, 1.5477



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.



37.9603, -12.3748, 3.1317



50.1578, -19.1300, 4.6560



36.2223, -7.8171, -3.3899



19.4929, -2.6457, 1.1627



37.4999, -25.8204, 8.8674



83.6044, -58.1921, 21.1217

Inverse Universe

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



31.0877, 10.4584, 1.7300



39.0468, 17.9535, 2.4857



32.4934, 5.9494, 6.9742



18.4817, 0.6888, 0.9428



20.2467, 35.2505, 8.6065



45.0429, 78.1383, 21.3473

Previews

White Background



This preview shows how the HunterLab color 37.9595, -12.3743, 3.1312 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 37.9595, -12.3743, 3.1312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

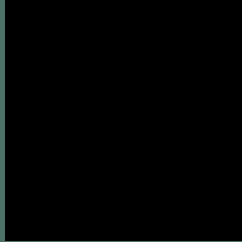
Any Text WCAG AA × Fail

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 37.9595, -12.3743, 3.1312 Background



This preview shows how black text looks on a background with the HunterLab color 37.9595, -12.3743, 3.1312.



This preview shows how white text looks on a background with the HunterLab color 37.9595,

-12.3743, 3.1312.

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

37.9595, -12.3743, 3.1312

Protanopia

37.7561, -1.7271, 4.6980

Deuteranopia

37.7302, 2.5883, 2.2931



Tritanopia

38.0718, -8.0480, -3.8608

Trichromacy



Original Color

37.9595, -12.3743, 3.1312

Protanomaly

37.7384, -5.9731, 4.2078

Deuteranomaly

37.5930, -3.4330, 2.4490

Tritanomaly

38.1181, -9.7256, -0.9822

Monochromacy



Original Color

37.9595, -12.3743, 3.1312

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5918, -5.6734, 2.0805

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9595, -12.3743, 3.1312 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(78, 113, 103)` looks like.

```
.text, #text, p{  
    color:rgb(78, 113, 103)  
}
```

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(78, 113, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 113, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9595, -12.3743, 3.1312 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(78, 113, 103) }
```


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

```
.border{ border-color:rgb(78, 113, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 113, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 113, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 113, 103);  
box-shadow:4px 4px 4px 4px rgb(78, 113,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9595, -12.3743, 3.1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 113, 103) }
```

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

```
.background{ background-color: rgb(78, 113,  
103) }
```

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