

Converting Colors

HunterLab(37.9352, -15.1537,
12.2805)

Have a look what the booklet for
HunterLab(37.9352, -15.1537,
12.2805) contains.

HunterLab(37.9598, -15.0605, 12.1605)	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(37.9598,
-15.0605, 12.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	53724D
RGB	83, 114, 77
RGB Percent	33%, 45%, 30%
CMY	0.6745, 0.5529, 0.6980
CMYK	0.27, 0.00, 0.32, 0.55
HSL	110°, 19%, 37%
HSV	110°, 32%, 45%
XYZ	10.9242, 14.4095, 9.2267
YIQ	100.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

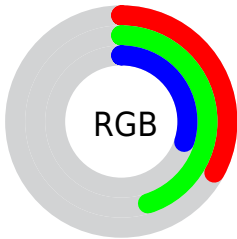
Format	Color
RYB	77, 114, 108
Decimal	5468749
CIELab	44.82, -19.03, 17.01
CIElCh	45, 25.523, 138.217
Yxy	14.4101, 0.3161, 0.4169
Android (android.graphics.Color)	4283658829 (0xFF53724D)
YUV	100.5130, -11.5919, -15.3589
Hunter-Lab	37.9598, -15.0605, 12.1605

Details

The HunterLab color $37.9598, -15.0605, 12.1605$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $31.1629, 13.4910, -10.8513$, and the grayscale version is $35.9359, -1.9175, 1.9525$.

A 20% lighter version of the original color is $58.1080, -18.5181, 15.3415$, and $20.9184, -11.5497, 8.8145$ is the 20% darker color. If you saturate the color by 10%, you get $37.2262, -18.2938, 14.5071$, and if you desaturate by 10%, it is $38.7948, -11.4590, 9.4609$.

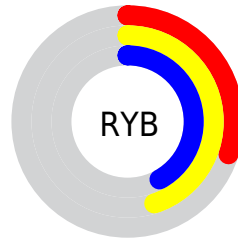
Distribution



Red (33%)

Green (45%)

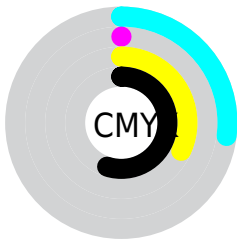
Blue (30%)



Red (30%)

Yellow (45%)

Blue (42%)

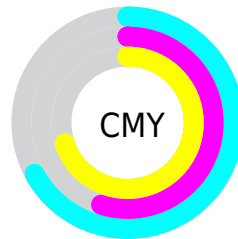


Cyan (27%)

Magenta (0%)

Yellow (32%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9598, -15.0605, 12.1605 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 37.9598, -15.0605, 12.1605 by changing the saturation by 10% instead.

37.9598, -15.0605,
12.1605

37.9598, -15.0605,
12.1605

148.2455,
-29.3676, 25.6456

28.9938, -13.2892,
10.4990

58.1506, -18.4089,
15.3014

20.8713, -11.4082,
8.7340

69.2711, -20.0217,
16.8165

13.6919, -9.3542,
6.9997

81.0220, -21.6089,
18.3096

7.3013, -11.7482,
5.1109

93.3712, -23.1780,
19.7881

0.0000, NaN, NaN

0.0000, NaN, NaN

106.2910,
-24.7347, 21.2574

0.0000, NaN, NaN

119.7571,

0.0000, NaN, NaN

-26.2831, 22.7214

0.0000, NaN, NaN

133.7483,
-27.8265, 24.1833

■ 37.9598, -15.0605,
12.1605

■ 37.9598, -15.0605,
12.1605

■ 37.2262, -18.2938,
14.5071

■ 38.7948, -11.4590,
9.4609

■ 36.5923, -21.1298,
16.4831

■ 39.7270, -7.5185,
6.4293

■ 36.0583, -23.5495,
18.0802

■ 40.7549, -3.2740,
3.0922

■ 35.6223, -25.5422,
19.2992

■ 41.8752, 1.2393,
-0.5224

■ 35.2807, -27.1083,
20.1530

■ 43.0844, 5.9870,
-4.3858

■ 35.0280, -28.2630,
20.6713

■ 44.3785, 10.9363,
-8.4696

■ 34.8834, -28.9303,
20.9885

■ 45.7536, 16.0569,
-12.7472

■ 47.2053, 21.3213,
-17.1935

■ 48.7296, 26.7055,
-21.7860

Harmonies

Analogous

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



37.9606, -7.7312, 15.4374



37.9598, -15.0605, 12.1605



37.9606, -18.7436, 5.5421

Triad

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



37.9606, -15.0613, 12.1609



37.9606, -5.7933, -19.9578



37.9606, 17.5453, 7.2457

Complementary

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



37.9598, -15.0605, 12.1605



31.1629, 13.4910, -10.8513

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.



37.9606, 18.1991, -1.7728



37.9598, -15.0605, 12.1605



37.9606, 4.0341, -19.1654

Square

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



37.9606, -15.0613, 12.1609



37.9606, -13.7667, -13.8463



37.9606, 13.0431, -11.8962



37.9606, 11.3380, 13.1348

Rectangle

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



37.9598, -15.0605, 12.1605



37.9606, -18.9098, -0.5812



37.9606, 13.0431, -11.8962



37.9606, 18.4433, 4.5359

Sweetspot

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



37.9606, -15.0613, 12.1609



52.9510, -8.7621, 7.5833



38.4759, -4.1245, 12.8167



25.3961, -4.4968, 3.8679



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.



37.9606, -15.0613, 12.1609



49.5735, -23.2469, 18.5127



37.8681, -14.9106, 8.1597



19.4598, -2.9512, 2.5755



36.7964, -30.5552, 22.1388



81.9689, -68.8673, 49.3032

Inverse Universe

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



31.1629, 13.4910, -10.8513



38.6450, 22.8295, -18.7080



31.3660, 13.2612, -4.0391



18.5134, 0.9997, -0.5977



20.2129, 41.3060, -38.8040



44.7636, 91.7087, -87.7384

Previews

White Background



This preview shows how the HunterLab color 37.9598, -15.0605, 12.1605 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 37.9598, -15.0605, 12.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

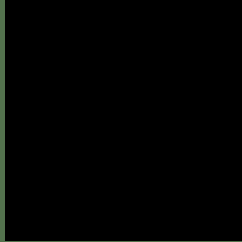
Any Text WCAG AA × Fail

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 37.9598, -15.0605, 12.1605 Background



This preview shows how black text looks on a background with the HunterLab color 37.9598, -15.0605, 12.1605.



This preview shows how white text looks on a background with the HunterLab color 37.9598,

-15.0605, 12.1605.

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

37.9598, -15.0605, 12.1605

Protanopia

37.9032, -3.7145, 13.4308

Deuteranopia

37.6452, 2.4660, 11.2869



Tritanopia

37.9723, -5.5522, -3.4606

Trichromacy



Original Color

37.9598, -15.0605, 12.1605

Protanomaly

37.8355, -8.1919, 13.0184

Deuteranomaly

37.5816, -4.6303, 11.4066

Tritanomaly

37.9136, -9.5547, 3.1280

Monochromacy



Original Color

37.9598, -15.0605, 12.1605

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.6885, -7.2718, 6.1172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9598, -15.0605, 12.1605 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(83, 114, 77)` looks like.

```
.text, #text, p{  
    color:rgb(83, 114, 77)  
}
```

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(83, 114, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 114, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9598, -15.0605, 12.1605 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(83, 114, 77) }
```


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

```
.border{ border-color:rgb(83, 114, 77) }
```

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

Here you see how a box with a 4 pixel rgb(83, 114, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 114, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 114, 77);  
box-shadow:4px 4px 4px 4px rgb(83, 114,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9598, -15.0605, 12.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 114, 77) }
```

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

```
.background{ background-color: rgb(83, 114,  
77) }
```

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