

Converting Colors

HunterLab(36.5893, 25.8122,
-3.7684)

Have a look what the booklet for
HunterLab(36.5893, 25.8122,
-3.7684) contains.

HunterLab(36.5894, 25.8078, -3.7761)	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(36.5894, 25.8078,
-3.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	955074
RGB	149, 80, 116
RGB Percent	58%, 31%, 45%
CMY	0.4157, 0.6863, 0.5451
CMYK	0.00, 0.46, 0.22, 0.42
HSL	329°, 30%, 45%
HSV	329°, 46%, 58%
XYZ	18.4155, 13.3878, 18.1365
YIQ	104.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

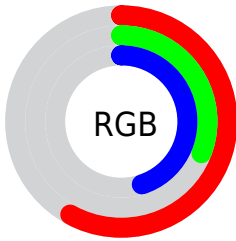
Format	Color
R_{YB}	149, 80, 116
Decimal	9785460
CIE _{Lab}	43.34, 33.54, -7.73
CIE _{LCh}	43, 34.417, 347.024
Yxy	13.3885, 0.3688, 0.2681
Android (android.graphics.Color)	4287975540 (0xFF955074)
YUV	104.7350, 5.5536, 38.8204
Hunter-Lab	36.5894, 25.8078, -3.7761

Details

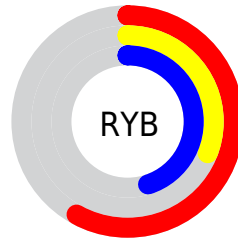
The HunterLab color $[36.5894, 25.8078, -3.7761]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[49.3893, -24.8572, 11.2423]$, and the grayscale version is $[37.4572, -1.9986, 2.0351]$.

A 20% lighter version of the original color is $[56.6029, 28.2253, -3.4319]$, and $[19.7082, 23.0892, -3.9041]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.5910, 31.7879, -4.2190]$, and if you desaturate by 10%, it is $[39.9875, 19.5729, -2.8635]$.

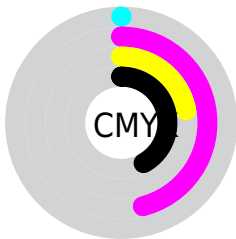
Distribution



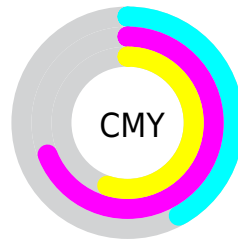
- Red (58%)
- Green (31%)
- Blue (45%)



- Red (58%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (42%)



- Cyan (42%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5894, 25.8078, -3.7761 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 36.5894, 25.8078, -3.7761 by changing the saturation by 10% instead.

36.5894, 25.8078,
-3.7761

36.5894, 25.8078,
-3.7761

146.0796, 32.9884,
-0.7969

27.7427, 24.4804,
-3.8274

56.5685, 28.0734,
-3.4661

19.7520, 23.0189,
-3.7984

67.5932, 29.0367,
-3.2232

12.7223, 21.4469,
-3.6754

79.2534, 29.9003,
-2.9285

6.0834, 25.0078,
-4.9346

91.5163, 30.6728,
-2.5859

0.0000, INF, NaN

0.0000, NaN, NaN

104.3537, 31.3619,
-2.1988

0.0000, NaN, NaN

117.7407, 31.9739,

0.0000, NaN, NaN

-1.7701

0.0000, NaN, NaN

131.6558, 32.5144,
-1.3021

■ 36.5894, 25.8078,
-3.7761

■ 36.5894, 25.8078,
-3.7761

■ 33.5910, 31.7879,
-4.2190

■ 39.9875, 19.5729,
-2.8635

■ 31.0525, 37.2267,
-4.0900

■ 43.7239, 13.2790,
-1.5839

■ 29.0327, 41.7416,
-3.3051

■ 47.7484, 7.0330,
-0.0199

■ 27.5690, 44.9402,
-1.8456

■ 52.0187, 0.8882,
1.7636

■ 26.6341, 46.6538,
0.1745

■ 56.5001, -5.1360,
3.7178

■ 26.3361, 47.1755,
0.9389

■ 61.1646, -11.0389,
5.8065

■ 65.9895, -16.8292,
8.0034

■ 70.9565, -22.5198,
10.2887

■ 76.0504, -28.1248,
12.6480

Harmonies

Analogous

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



36.5903, 18.2437, -18.2691



36.5894, 25.8078, -3.7761



36.5903, 25.2211, 8.3060

Triad

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



36.5903, 25.8060, -3.7752



36.5903, -9.0057, 18.2395



36.5903, -17.5176, -20.0933

Complementary

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



36.5894, 25.8078, -3.7761



49.3893, -24.8572, 11.2423

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.



36.5903, -22.9644, -5.6972



36.5894, 25.8078, -3.7761



36.5903, -18.5426, 14.8001

Square

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



36.5903, 25.8060, -3.7752



36.5903, 3.8440, 18.4383



36.5903, -23.3113, 6.9501



36.5903, -7.4127, -29.6833

Rectangle

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



36.5894, 25.8078, -3.7761



36.5903, 20.2781, 13.6344



36.5903, -23.3113, 6.9501



36.5903, -19.8884, -15.4658

Sweetspot

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



36.5903, 25.8060, -3.7752



65.0290, 7.7367, 0.4347



33.7133, 20.4302, -28.8737



30.0958, 4.4081, -0.0064



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.5903, 25.8060, -3.7752



44.6459, 43.1777, -5.6627



35.6950, 21.5356, 9.0119



24.2134, 1.2653, 0.5861



24.1734, 43.3245, 0.6837



2.7836, 5.1859, -1.4489

Inverse Universe

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



36.5903, 25.8060, -3.7752



44.6459, 43.1777, -5.6627



50.2970, -19.5287, -1.7433



24.2134, 1.2653, 0.5861



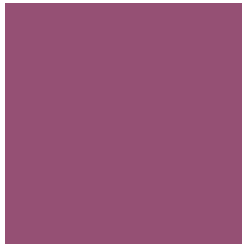
24.1734, 43.3245, 0.6837



2.7836, 5.1859, -1.4489

Previews

White Background



This preview shows how the HunterLab color 36.5894, 25.8078, -3.7761 looks on a white background.

Color Contrast Check

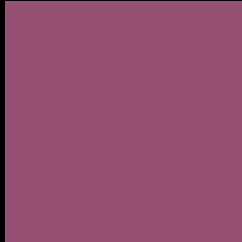
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5894, 25.8078, -3.7761 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 36.5894, 25.8078, -3.7761 Background



This preview shows how black text looks on a background with the HunterLab color 36.5894, 25.8078, -3.7761.



This preview shows how white text looks on a background with the HunterLab color 36.5894, 25.8078, -3.7761.

-3.7761.

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

36.5894, 25.8078, -3.7761

Protanopia

36.9164, 1.5036, -11.7124

Deuteranopia

36.7352, 2.3907, -2.5370



Tritanopia

36.6816, 19.3573, 6.9441

Trichromacy



Original Color

36.5894, 25.8078, -3.7761

Protanomaly

36.2720, 9.5480, -9.7469

Deuteranomaly

36.4068, 10.4203, -3.3096

Tritanomaly

36.6094, 21.7779, 3.4138

Monochromacy



Original Color

36.5894, 25.8078, -3.7761

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

36.7897, 7.5637, -0.5145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5894, 25.8078, -3.7761 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(149, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 80, 116)  
}
```

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(149, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 80, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5894, 25.8078, -3.7761 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(149, 80, 116) }
```


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

```
.border{ border-color:rgb(149, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 80,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5894, 25.8078, -3.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 80, 116) }
```

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

```
.background{ background-color: rgb(149, 80,  
116) }
```

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