

Converting Colors

HunterLab(33.5333, 12.8989,
2.9604)

Have a look what the booklet for
HunterLab(33.5333, 12.8989,
2.9604) contains.

HunterLab(33.6440, 12.6549, 3.1094)	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(33.6440, 12.6549,
3.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	7D535C
RGB	125, 83, 92
RGB Percent	49%, 33%, 36%
CMY	0.5098, 0.6745, 0.6392
CMYK	0.00, 0.34, 0.26, 0.51
HSL	347°, 20%, 41%
HSV	347°, 34%, 49%
XYZ	13.4825, 11.3192, 11.5994
YIQ	96.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

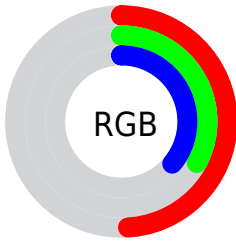
Format	Color
R_{YB}	125, 83, 92
Decimal	8213340
CIE _{Lab}	40.11, 18.90, 1.94
CIE _{LCh}	40, 18.995, 5.853
Yxy	11.3197, 0.3704, 0.3110
Android (android.graphics.Color)	4286403420 (0xFF7D535C)
YUV	96.5840, -2.2599, 24.9208
Hunter-Lab	33.6440, 12.6549, 3.1094

Details

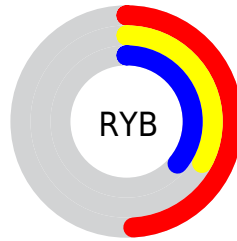
The HunterLab color $33.6440, 12.6549, 3.1094$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $42.1514, -14.2512, 2.4817$, and the grayscale version is $34.4219, -1.8367, 1.8702$.

A 20% lighter version of the original color is $53.2088, 13.7670, 4.5120$, and $17.3673, 11.2980, 2.0754$ is the 20% darker color. If you saturate the color by 10%, you get $30.6846, 17.3250, 3.7177$, and if you desaturate by 10%, it is $36.8662, 8.0373, 2.7153$.

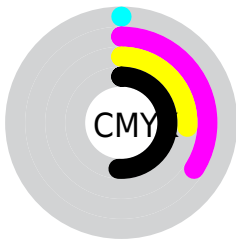
Distribution



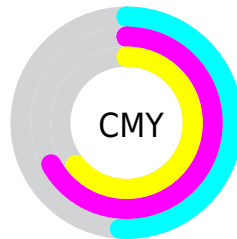
- Red (49%)
- Green (33%)
- Blue (36%)



- Red (49%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6440, 12.6549, 3.1094 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 33.6440, 12.6549, 3.1094 by changing the saturation by 10% instead.

■ 33.6440, 12.6549,
3.1094

■ 33.6440, 12.6549,
3.1094

■ 141.3676, 14.6913,
9.7841

■ 25.0645, 11.9783,
2.5184

■ 53.1506, 13.6567,
4.3902

■ 17.3709, 11.1601,
1.9599

■ 63.9620, 14.0145,
5.0768

■ 10.6812, 10.1736,
1.4336

■ 75.4209, 14.2911,
5.7929

■ 1.1226, 73.2877,
0.7858

■ 87.4925, 14.4944,
6.5376

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1472, 14.6310,
7.3098

0.0000, NaN, NaN

113.3593, 14.7065,

0.0000, NaN, NaN

8.1089

0.0000, NaN, NaN

127.1061, 14.7253,
8.9339

■ 33.6440, 12.6549,
3.1094

■ 33.6440, 12.6549,
3.1094

■ 30.6846, 17.3250,
3.7177

■ 36.8662, 8.0373,
2.7153

■ 28.0339, 21.9492,
4.5628

■ 40.3085, 3.5253,
2.5041

■ 25.7470, 26.3470,
5.6537

■ 43.9389, -0.8661,
2.4478

■ 23.8795, 30.2512,
6.9671

■ 47.7310, -5.1383,
2.5213

■ 22.4763, 33.3379,
8.4323

■ 51.6637, -9.3012,
2.7034

■ 21.5497, 35.3439,
9.9251

■ 55.7199, -13.3680,
2.9766

■ 21.0668, 36.4483,
10.7386

■ 59.8858, -17.3527,
3.3269

■ 64.1502, -21.2684,
3.7428

■ 68.5038, -25.1270,
4.2149

Harmonies

Analogous

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



33.6448, 11.3749, -3.8335



33.6440, 12.6549, 3.1094



33.6448, 9.8116, 8.4957

Triad

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



33.6448, 12.6535, 3.1100



33.6448, -9.3170, 10.6378



33.6448, -7.1235, -12.0584

Complementary

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



33.6440, 12.6549, 3.1094



42.1514, -14.2512, 2.4817

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.



33.6448, -12.0180, -6.5562



33.6440, 12.6549, 3.1094



33.6448, -13.2101, 6.6556

Square

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



33.6448, 12.6535, 3.1100



33.6448, -3.1575, 12.2339



33.6448, -14.1572, 0.5005



33.6448, -0.4146, -13.5422

Rectangle

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



33.6440, 12.6549, 3.1094



33.6448, 6.0894, 10.7917



33.6448, -14.1572, 0.5005



33.6448, -9.0179, -10.5695

Sweetspot

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



33.6448, 12.6535, 3.1100



55.5445, 2.7274, 3.3043



33.7252, 14.9976, -13.0656



26.2279, 1.6243, 1.5823



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



33.6448, 12.6535, 3.1100



42.0664, 21.5389, 4.7314



36.2649, 5.9499, 9.0698



20.8763, 0.7682, 1.2259



21.5200, 37.2282, 11.0025

0.0000, NaN, NaN

Inverse Universe

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



33.6448, 12.6535, 3.1100



42.0664, 21.5389, 4.7314



38.9264, -7.6573, -5.6997



20.8763, 0.7682, 1.2259

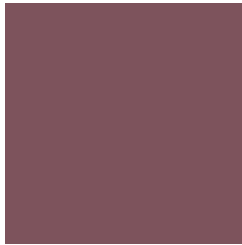


21.5200, 37.2282, 11.0025

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.6440, 12.6549, 3.1094 looks on a white background.

Color Contrast Check

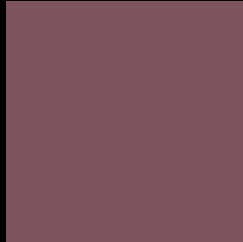
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6440, 12.6549, 3.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

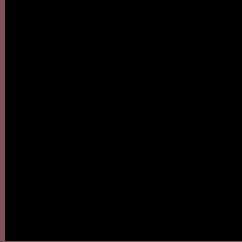
Any Text WCAG AA × Fail

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 33.6440, 12.6549, 3.1094 Background



This preview shows how black text looks on a background with the HunterLab color 33.6440, 12.6549, 3.1094.



This preview shows how white text looks on a background with the HunterLab color 33.6440, 12.6549,

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

33.6440, 12.6549, 3.1094

Protanopia

33.6737, -0.7563, -0.0479

Deuteranopia

33.8477, 2.0275, 3.9486



Tritanopia

33.5927, 12.3955, 3.8444

Trichromacy



Original Color

33.6440, 12.6549, 3.1094

Protanomaly

33.4978, 3.7852, 1.1204

Deuteranomaly

33.7799, 5.7265, 3.5432

Tritanomaly

33.6182, 12.5244, 3.4791

Monochromacy



Original Color

33.6440, 12.6549, 3.1094

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.0680, 3.0251, 2.2038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6440, 12.6549, 3.1094 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(125, 83, 92)` looks like.

```
.text, #text, p{  
    color:rgb(125, 83, 92)  
}
```

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(125, 83, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 83, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6440, 12.6549, 3.1094 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(125, 83, 92) }
```


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

```
.border{ border-color:rgb(125, 83, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 83, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 83, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 83, 92);  
box-shadow:4px 4px 4px 4px rgb(125, 83,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6440, 12.6549, 3.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 83, 92) }
```

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

```
.background{ background-color: rgb(125, 83,  
92) }
```

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