

Converting Colors

HunterLab(40.3632, -13.8811,
4.9972)

Have a look what the booklet for
HunterLab(40.3632, -13.8811,
4.9972) contains.

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Color

**HunterLab(40.3632,
-13.8811, 4.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	537869
RGB	83, 120, 105
RGB Percent	33%, 47%, 41%
CMY	0.6745, 0.5294, 0.5882
CMYK	0.31, 0.00, 0.13, 0.53
HSL	156°, 18%, 40%
HSV	156°, 31%, 47%
XYZ	12.8336, 16.2919, 15.8328
YIQ	107.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

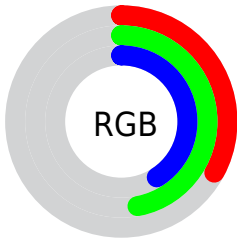
Format	Color
R_{YB}	83, 106, 120
Decimal	5470313
CIE _{Lab}	47.36, -16.57, 4.06
CIE _{LCh}	47, 17.063, 166.226
Yxy	16.2925, 0.2855, 0.3624
Android (android.graphics.Color)	4283660393 (0xFF537869)
YUV	107.2270, -1.0979, -21.2471
Hunter-Lab	40.3632, -13.8811, 4.9972

Details

The HunterLab color $40.3632, -13.8811, 4.9972$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.2594, 11.8029, 0.1005$, and the grayscale version is $38.4400, -2.0511, 2.0885$.

A 20% lighter version of the original color is $60.8060, -16.6268, 6.5090$, and $22.7751, -10.5086, 3.4290$ is the 20% darker color. If you saturate the color by 10%, you get $39.6181, -16.9675, 6.0207$, and if you desaturate by 10%, it is $41.2182, -10.4490, 4.0507$.

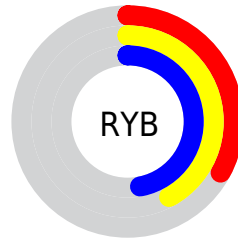
Distribution



Red (33%)

Green (47%)

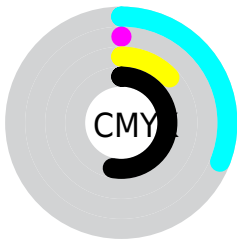
Blue (41%)



Red (33%)

Yellow (42%)

Blue (47%)

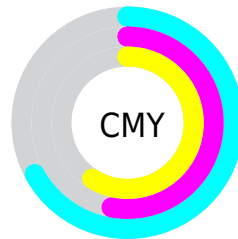


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3632, -13.8811, 4.9972 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 40.3632, -13.8811, 4.9972 by changing the saturation by 10% instead.

40.3632, -13.8811,
4.9972

40.3632, -13.8811,
4.9972

152.0072,
-27.0331, 12.7284

31.1952, -12.3025,
4.2500

60.9142, -16.9042,
6.5572

22.8500, -10.6462,
3.5205

72.1982, -18.3751,
7.3708

15.4196, -8.8670,
2.8034

84.1040, -19.8306,
8.2074

9.0242, -8.4841,
2.3573

96.6006, -21.2764,
9.0669

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6613,
-22.7166, 9.9490

0.0000, NaN, NaN

123.2627,

0.0000, NaN, NaN

-24.1546, 10.8535

0.0000, NaN, NaN

137.3842,
-25.5927, 11.7801

■ 40.3632, -13.8811,
4.9972

■ 40.3632, -13.8811,
4.9972

■ 39.6181, -16.9675,
6.0207

■ 41.2182, -10.4490,
4.0507

■ 38.9802, -19.6828,
7.1093

■ 42.1795, -6.6981,
3.1879

■ 38.4487, -22.0117,
8.2507

■ 43.2457, -2.6609,
2.4149

■ 38.0202, -23.9475,
9.4304

■ 44.4140, 1.6294,
1.7354

■ 37.6894, -25.4955,
10.6321

■ 45.6806, 6.1397,
1.1507

■ 37.4484, -26.6747,
11.8382

■ 47.0415, 10.8385,
0.6606

■ 37.2733, -27.5615,
12.9090

■ 48.4924, 15.6964,
0.2634

■ 50.0289, 20.6869,
-0.0439

■ 51.6465, 25.7865,
-0.2648

Harmonies

Analogous

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



40.3640, -11.0127, 9.7648



40.3632, -13.8811, 4.9972



40.3640, -13.7562, -1.3659

Triad

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



40.3640, -13.8817, 4.9977



40.3640, 1.4938, -11.3736



40.3640, 7.1139, 10.0571

Complementary

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



40.3632, -13.8811, 4.9972



33.2594, 11.8029, 0.1005

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.



40.3640, 10.9233, 5.4623



40.3632, -13.8811, 4.9972



40.3640, 7.5372, -7.1963

Square

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



40.3640, -13.8817, 4.9977



40.3640, -5.1670, -11.5527



40.3640, 11.0830, -0.8197



40.3640, 0.9461, 12.3485

Rectangle

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



40.3632, -13.8811, 4.9972



40.3640, -11.9977, -5.7056



40.3640, 11.0830, -0.8197



40.3640, 8.7298, 8.7676

Sweetspot

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



40.3640, -13.8817, 4.9977



56.1562, -8.0437, 4.0541



40.8388, -13.0716, 13.0544



27.2575, -4.2237, 2.0371



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.3640, -13.8817, 4.9977



52.8153, -21.3537, 7.5778



39.8735, -10.1960, -2.0320



21.1807, -3.0064, 1.5232



38.9267, -28.8094, 13.5361



84.9170, -63.5456, 31.0379

Inverse Universe

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



33.2594, 11.8029, 0.1005



41.4082, 20.0537, -0.1867



33.5960, 8.3756, 6.4055



20.0985, 0.8803, 0.7632



21.4295, 37.8000, 5.3097



46.6325, 81.9317, 14.0699

Previews

White Background



This preview shows how the HunterLab color 40.3632, -13.8811, 4.9972 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 40.3632, -13.8811, 4.9972 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 40.3632, -13.8811, 4.9972 Background



This preview shows how black text looks on a background with the HunterLab color 40.3632, -13.8811, 4.9972.



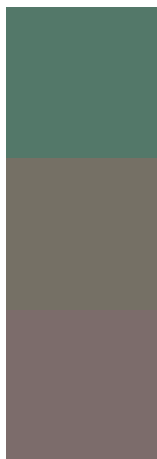
This preview shows how white text looks on a background with the HunterLab color 40.3632,

-13.8811, 4.9972.

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

40.3632, -13.8811, 4.9972

Protanopia

40.3854, -2.2576, 6.7706

Deuteranopia

40.0896, 2.5467, 4.1757



Tritanopia

40.3778, -8.1000, -4.2451

Trichromacy



Original Color

40.3632, -13.8811, 4.9972

Protanomaly

40.2791, -6.8743, 6.1961

Deuteranomaly

39.8499, -3.8810, 4.1998

Tritanomaly

40.3030, -10.3576, -0.5609

Monochromacy



Original Color

40.3632, -13.8811, 4.9972

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.0200, -6.8362, 3.2052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3632, -13.8811, 4.9972 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, 120, 105)` looks like.

```
.text, #text, p{  
    color:rgb(83, 120, 105)  
}
```

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, 120, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 120, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3632, -13.8811, 4.9972 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, 120, 105) }
```


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

```
.border{ border-color:rgb(83, 120, 105) }
```

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

Here you see how a box with a 4 pixel rgb(83, 120, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 120, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 120, 105);  
box-shadow:4px 4px 4px 4px rgb(83, 120,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3632, -13.8811, 4.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 120, 105) }
```

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

```
.background{ background-color: rgb(83, 120,  
105) }
```

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](#).

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