

Converting Colors

HunterLab(64.3003, 40.6423,
16.8185)

Have a look what the booklet for
HunterLab(64.3003, 40.6423,
16.8185) contains.

HunterLab(64.3350, 40.5987, 16.7693)	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(64.3350, 40.5987,
16.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A8E
RGB	255, 138, 142
RGB Percent	100%, 54%, 56%
CMY	0.0000, 0.4588, 0.4431
CMYK	0.00, 0.46, 0.44, 0.00
HSL	358°, 100%, 77%
HSV	358°, 46%, 100%
XYZ	55.2109, 41.3899, 30.6703
YIQ	173.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

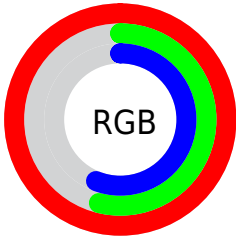
Format	Color
R _Y B	255, 138, 142
Decimal	16747150
CIE Lab	70.45, 44.56, 17.95
CIE LCh	70, 48.041, 21.935
Yxy	41.3920, 0.4338, 0.3252
Android (android.graphics.Color)	4294937230 (0xFFFF8A8E)
YUV	173.4390, -15.4994, 71.5290
Hunter-Lab	64.3350, 40.5987, 16.7693

Details

The HunterLab color **64.3350, 40.5987, 16.7693** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91.5910, -36.2265, -3.2796**, and the grayscale version is **64.8699, -3.4613, 3.5245**.

A 20% lighter version of the original color is **79.6150, 18.2304, 10.4854**, and **43.4417, 37.7374, 13.6102** is the 20% darker color. If you saturate the color by 10%, you get **58.5267, 51.0581, 19.7923**, and if you desaturate by 10%, it is **71.0009, 30.0317, 13.8963**.

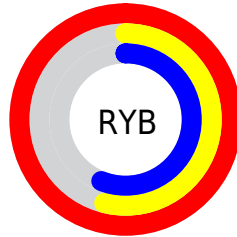
Distribution



Red (100%)

Green (54%)

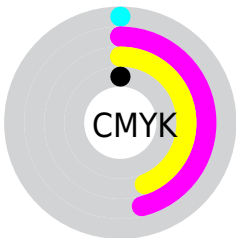
Blue (56%)



Red (100%)

Yellow (54%)

Blue (56%)

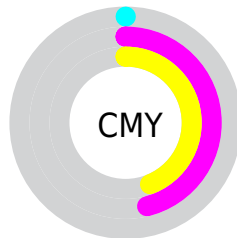


Cyan (0%)

Magenta (46%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3350, 40.5987, 16.7693 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 64.3350, 40.5987, 16.7693 by changing the saturation by 10% instead.


 64.3350, 40.5987,
16.7693


 64.3350, 40.5987,
16.7693


187.6050, 49.2699,
30.4055


 53.5028, 39.1736,
15.1866


 87.9083, 43.1174,
19.8578

 43.3564, 37.6368,
13.5602


 100.5821, 44.2333,
21.3768

 33.9473, 35.9813,
11.8728


 113.8125, 45.2613,
22.8866

 25.3389, 34.2153,
10.0959

127.5769, 46.2073,
24.3910

 17.6139, 32.3822,
8.1832

141.8554, 47.0766,
25.8929

 10.8879, 30.6498,
7.5947

156.6301, 47.8741,

 2.2313, 89.7396,

27.3948

1.5619

171.8849, 48.6039,
28.8985

0.0000, INF, NaN

0.0000, NaN, NaN

■ 64.3350, 40.5987,
16.7693

■ 64.3350, 40.5987,
16.7693

■ 58.5267, 51.0581,
19.7923

■ 71.0009, 30.0317,
13.8963

■ 53.7246, 60.8541,
22.8075

■ 78.3781, 19.6881,
11.2412

■ 50.0706, 69.1735,
25.5671

■ 86.3495, 9.7055,
8.8222

■ 47.6447, 75.1580,
27.7719


■ 94.8191, 0.1202,
6.6278

■ 46.4055, 78.3072,

100.0000, -5.3358,

29.1869

5.4332

 46.1292, 79.0390,
29.4870

Harmonies

Analogous

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



64.3366, 43.9264, -2.3907



64.3350, 40.5987, 16.7693



64.3366, 24.7167, 27.7759

Triad

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



64.3366, 40.5948, 16.7705



64.3366, -33.4150, 23.6683



64.3366, -9.2525, -50.3002

Complementary

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



64.3350, 40.5987, 16.7693



91.5910, -36.2265, -3.2796

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.



64.3366, -27.4512, -36.8191



64.3350, 40.5987, 16.7693



64.3366, -40.1275, 8.8852

Square

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



64.3366, 40.5948, 16.7705



64.3366, -18.4597, 30.7271



64.3366, -38.1008, -13.3791



64.3366, 13.1062, -45.9986

Rectangle

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



64.3350, 40.5987, 16.7693



64.3366, 10.1852, 31.1782



64.3366, -38.1008, -13.3791



64.3366, -16.0111, -47.5731

Sweetspot

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



64.3366, 40.5948, 16.7705



87.9059, 7.8737, 8.3933



67.5029, 57.0833, -40.5026



39.8434, 4.6162, 4.1112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3366, 40.5948, 16.7705



58.9995, 50.1546, 19.5239



77.5925, 12.3256, 29.6527



42.4230, 1.6421, 3.4230



33.3513, 57.1581, 21.2183



10.4230, 17.8955, 6.3804

Inverse Universe

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



64.3366, 40.5948, 16.7705



58.9995, 50.1546, 19.5239



74.1828, -10.1445, -30.0808



42.4230, 1.6421, 3.4230



33.3513, 57.1581, 21.2183



10.4230, 17.8955, 6.3804

Previews

White Background



This preview shows how the HunterLab color 64.3350, 40.5987, 16.7693 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.3350, 40.5987, 16.7693 looks on a black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.3350, 40.5987, 16.7693 Background



This preview shows how black text looks on a background with the HunterLab color 64.3350, 40.5987, 16.7693.



This preview shows how white text looks on a background with the HunterLab color 64.3350, 40.5987,

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

64.3350, 40.5987, 16.7693

Protanopia

64.4918, -3.2535, 9.5274

Deuteranopia

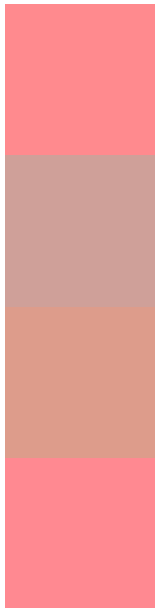
64.4175, 4.3131, 17.9862



Tritanopia

64.2323, 41.6935, 14.8298

Trichromacy



Original Color

64.3350, 40.5987, 16.7693

Protanomaly

63.8020, 11.5936, 11.5117

Deuteranomaly

64.0415, 17.1652, 17.1488

Tritanomaly

64.1838, 41.4619, 15.5301

Monochromacy



Original Color

64.3350, 40.5987, 16.7693

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

63.5978, 11.4157, 7.5214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3350, 40.5987, 16.7693 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(255, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 142)  
}
```

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(255, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3350, 40.5987, 16.7693 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(255, 138, 142) }
```


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

```
.border{ border-color:rgb(255, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3350, 40.5987, 16.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 142) }
```

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

```
.background{ background-color: rgb(255,  
138, 142) }
```

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