

Converting Colors

HunterLab(41.7593, -7.3415,
0.3815)

Have a look what the booklet for
HunterLab(41.7593, -7.3415, 0.3815)
contains.

| | |
|--|----|
| HunterLab(41.8995, -7.4043, 0.5442) | 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(41.8995, -7.4043,
0.5442)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 657878 |
| RGB | 101, 120, 120 |
| RGB Percent | 40%, 47%, 47% |
| CMY | 0.6039, 0.5294, 0.5294 |
| CMYK | 0.16, 0.00, 0.00, 0.53 |
| HSL | 180°, 9%, 43% |
| HSV | 180°, 16%, 47% |
| XYZ | 15.4734, 17.5557, 20.3423 |
| YIQ | 114.3190, -11.3240, -4.0280 |

Conversions

Conversions Part 2

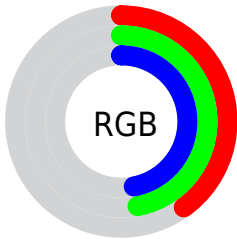
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 101, 111, 120 |
| Decimal | 6649976 |
| CIE _{Lab} | 48.95, -6.95, -2.35 |
| CIE _{LCh} | 49, 7.340, 198.642 |
| Yxy | 17.5564, 0.2899, 0.3289 |
| Android (android.graphics.Color) | 4284840056 (0xFF657878) |
| YUV | 114.3190, 2.8007, -11.6808 |
| Hunter-Lab | 41.8995, -7.4043, 0.5442 |

Details

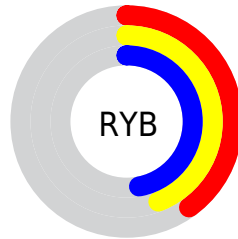
The HunterLab color $41.8995, -7.4043, 0.5442$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.7365, 3.7261, 3.9732$, and the grayscale version is $41.1368, -2.1950, 2.2350$.

A 20% lighter version of the original color is $62.5772, -9.2516, 1.4183$, and $24.2629, -5.6138, -0.1293$ is the 20% darker color. If you saturate the color by 10%, you get $41.1260, -10.2216, -0.4545$, and if you desaturate by 10%, it is $42.7791, -4.2742, 1.6571$.

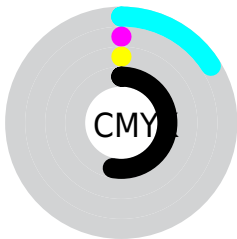
Distribution



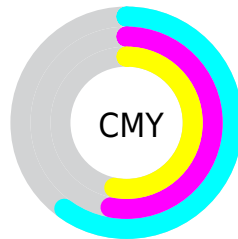
- Red (40%)
- Green (47%)
- Blue (47%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8995, -7.4043, 0.5442 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 41.8995, -7.4043, 0.5442 by changing the saturation by 10% instead.

■ 41.8995, -7.4043,
0.5442

■ 41.8995, -7.4043,
0.5442

154.3887,
-16.3435, 5.7549

■ 32.6067, -6.4726,
0.1721

■ 62.6738, -9.2917,
1.4360

■ 24.1246, -5.5394,
-0.1444

■ 74.0594, -10.2526,
1.9462

■ 16.5406, -4.5930,
-0.3959

■ 86.0615, -11.2277,
2.4954

■ 9.9773, -3.6425,
-0.5691

■ 98.6500, -12.2181,
3.0813

0.0000, NaN, -NF

0.0000, NaN, NaN

111.7985,
-13.2245, 3.7018

0.0000, NaN, NaN

125.4844,

0.0000, NaN, NaN

-14.2474, 4.3552

0.0000, NaN, NaN

139.6872,
-15.2870, 5.0400

■ 41.8995, -7.4043,
0.5442

■ 41.8995, -7.4043,
0.5442

■ 41.1260, -10.2216,
-0.4545

■ 42.7791, -4.2742,
1.6571

■ 40.4566, -12.7025,
-1.3338

■ 43.7605, -0.8546,
2.8735

■ 39.8916, -14.8315,
-2.0875

■ 44.8422, 2.8265,
4.1849

■ 39.4289, -16.5995,
-2.7129

■ 46.0212, 6.7405,
5.5813

■ 39.0652, -18.0057,
-3.2098

■ 47.2939, 10.8594,
7.0533

■ 38.7952, -19.0591,
-3.5818

■ 48.6563, 15.1565,
8.5914

■ 38.6117, -19.7799,
-3.8360

■ 50.1044, 19.6066,
10.1871

■ 38.4989, -20.2246,
-3.9926

■ 51.6339, 24.1870,
11.8323

■ 38.4570, -20.3904,
-4.0510

■ 53.2407, 28.8774,
13.5200

Harmonies

Analogous

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



41.9004, -7.5797, 3.3147



41.8995, -7.4043, 0.5442



41.9004, -5.8686, -1.9109

Triad

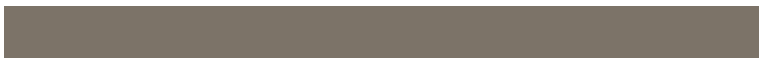
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.9004, -7.4050, 0.5448



41.9004, 2.0417, -1.3879



41.9004, -1.1311, 7.1672

Complementary

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



41.8995, -7.4043, 0.5442



37.7365, 3.7261, 3.9732

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.



41.9004, 1.5207, 6.0796



41.8995, -7.4043, 0.5442



41.9004, 3.3856, 1.2197

Square

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



41.9004, -7.4050, 0.5448



41.9004, -0.4358, -3.0781



41.9004, 3.1923, 3.9454



41.9004, -4.0101, 7.0137

Rectangle

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



41.8995, -7.4043, 0.5442



41.9004, -4.2548, -2.9809



41.9004, 3.1923, 3.9454



41.9004, -0.1822, 6.9378

Sweetspot

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



41.9004, -7.4050, 0.5448



56.8207, -5.3578, 2.3080



41.4225, -10.1420, 7.7238



27.6269, -2.7292, 1.0806



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.



41.9004, -7.4050, 0.5448



55.1783, -11.2266, 0.2235



39.3093, -3.3026, -2.6382



21.2425, -2.6629, 0.6418



40.1667, -21.2969, -4.2310



87.7263, -46.5139, -9.2402

Inverse Universe

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



37.7365, 3.7261, 3.9732



48.4252, 6.8534, 5.7928



40.1556, -0.5224, 6.5555



20.0376, 0.5523, 1.6319



20.8716, 35.7434, 13.4858



45.5847, 78.0652, 29.4548

Previews

White Background



This preview shows how the HunterLab color 41.8995, -7.4043, 0.5442 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 41.8995, -7.4043, 0.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

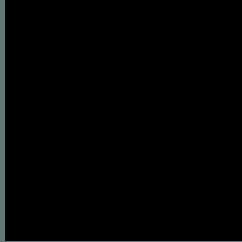
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

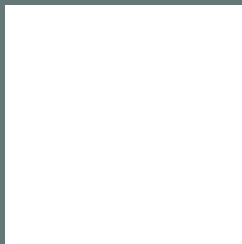
Any Text WCAG AAA × Fail

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

HunterLab 41.8995, -7.4043, 0.5442 Background



This preview shows how black text looks on a background with the HunterLab color 41.8995, -7.4043, 0.5442.



This preview shows how white text looks on a background with the HunterLab color 41.8995, -7.4043,

0.5442.

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

41.8995, -7.4043, 0.5442

Protanopia

41.7102, -1.0417, 1.7605

Deuteranopia

41.9230, 2.7449, -0.1591



Tritanopia

41.9949, -5.1147, -3.0451

Trichromacy



Original Color

41.8995, -7.4043, 0.5442

Protanomaly

41.8035, -3.4983, 1.3888

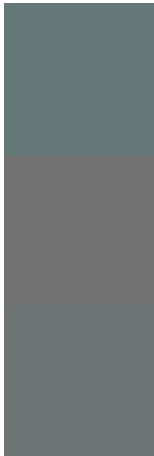
Deuteranomaly

41.9336, -1.4491, 0.2376

Tritanomaly

41.8319, -5.8800, -1.8256

Monochromacy



Original Color

41.8995, -7.4043, 0.5442

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.2346, -4.1778, 1.5775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8995, -7.4043, 0.5442 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(101, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(101, 120, 120)  
}
```

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(101, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 120, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8995, -7.4043, 0.5442 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(101, 120, 120) }
```


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

```
.border{ border-color:rgb(101, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 120, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 120, 120); box-shadow:4px 4px 4px 4px rgb(101, 120, 120) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8995, -7.4043, 0.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 120, 120) }
```

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

```
.background{ background-color: rgb(101,  
120, 120) }
```

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