

Converting Colors

HunterLab(41.9327, -0.4708,
4.5978)

Have a look what the booklet for
HunterLab(41.9327, -0.4708, 4.5978)
contains.

HunterLab(41.9763, -0.4519, 4.6158)	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(41.9763, -0.4519,
4.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	7B736F
RGB	123, 115, 111
RGB Percent	48%, 45%, 44%
CMY	0.5176, 0.5490, 0.5647
CMYK	0.00, 0.07, 0.10, 0.52
HSL	20°, 5%, 46%
HSV	20°, 10%, 48%
XYZ	17.1683, 17.6201, 17.5350
YIQ	116.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

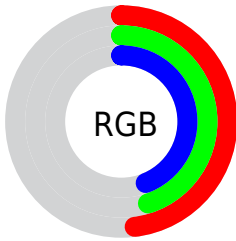
Format	Color
R_{YB}	123, 117, 111
Decimal	8090479
CIE _{Lab}	49.03, 2.33, 3.31
CIE _{LCh}	49, 4.049, 54.904
Yxy	17.6209, 0.3281, 0.3368
Android (android.graphics.Color)	4286280559 (0xFF7B736F)
YUV	116.9360, -2.9264, 5.3181
Hunter-Lab	41.9763, -0.4519, 4.6158

Details

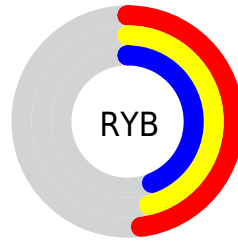
The HunterLab color $41.9763, -0.4519, 4.6158$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.4298, -3.8806, -0.1083$, and the grayscale version is $42.1622, -2.2497, 2.2908$.

A 20% lighter version of the original color is $62.7660, -1.4632, 5.9191$, and $24.1434, 0.1010, 3.3304$ is the 20% darker color. If you saturate the color by 10%, you get $39.4728, 1.6653, 6.7338$, and if you desaturate by 10%, it is $44.5695, -2.4210, 2.3615$.

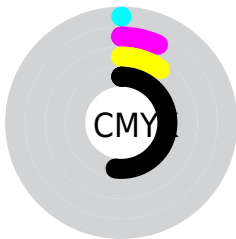
Distribution



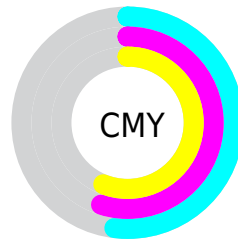
- Red (48%)
- Green (45%)
- Blue (44%)



- Red (48%)
- Yellow (46%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9763, -0.4519, 4.6158 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 41.9763, -0.4519, 4.6158 by changing the saturation by 10% instead.

■ 41.9763, -0.4519,
4.6158

■ 41.9763, -0.4519,
4.6158

■ 154.5074, -5.5034,
12.0728

■ 32.6774, -0.0971,
3.9119

■ 62.7616, -1.3105,
6.1011

■ 24.1885, 0.2023,
3.2312

■ 74.1523, -1.8036,
6.8814

■ 16.5970, 0.4359,
2.5713

■ 86.1592, -2.3354,
7.6867

■ 10.0250, 0.5893,
1.9475

■ 98.7522, -2.9037,
8.5166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.9051, -3.5062,
9.3707

0.0000, NaN, NaN

■ 125.5952, -4.1413,

0.0000, NaN, NaN

139.8020, -4.8075,
11.1492

■ 41.9763, -0.4519,
4.6158

■ 41.9763, -0.4519,
4.6158

■ 39.4728, 1.6653,
6.7338

■ 44.5695, -2.4210,
2.3615

■ 37.0660, 3.9471,
8.6904

■ 47.2409, -4.2526,
-0.0120

■ 34.7685, 6.4035,
10.4582

■ 49.9843, -5.9613,
-2.4885

■ 32.5934, 9.0409,
12.0040

■ 52.7932, -7.5599,
-5.0555

■ 30.5558, 11.8574,
13.2896

■ 55.6622, -9.0601,
-7.7026

■ 28.6722, 14.8377,
14.2739

■ 58.5866, -10.4724,
-10.4212

■ 26.9605, 17.9468,
14.9169

■ 61.5623, -11.8062,
-13.2044

■ 25.4384, 21.1235,
15.1885

■ 64.5857, -13.0699,
-16.0463

■ 24.1104, 24.2219,
15.2595

■ 67.6537, -14.2709,
-18.9420

Harmonies

Analogous

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



41.9772, 0.5937, 3.5023



41.9763, -0.4519, 4.6158



41.9772, -1.9676, 5.1049

Triad

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



41.9772, -0.4530, 4.6165



41.9772, -5.2717, 2.5449



41.9772, -0.9347, -0.4658

Complementary

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



41.9763, -0.4519, 4.6158



42.4298, -3.8806, -0.1083

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.



41.9772, -2.5158, -0.7454



41.9763, -0.4519, 4.6158



41.9772, -5.0045, 1.0299

Square

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



41.9772, -0.4530, 4.6165



41.9772, -4.7371, 3.9379



41.9772, -4.0016, -0.1885



41.9772, 0.3127, 0.5619

Rectangle

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



41.9763, -0.4519, 4.6158



41.9772, -3.0328, 5.0238



41.9772, -4.0016, -0.1885



41.9772, -1.4454, -0.6520

Sweetspot

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



41.9772, -0.4530, 4.6165



58.4788, -2.3872, 4.1800



41.1242, 2.6149, 0.2238



28.2565, -1.0663, 2.1361



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.



41.9772, -0.4530, 4.6165



55.3106, 0.0937, 6.9156



43.6275, -3.2126, 6.3886



20.5264, -0.2893, 2.1739



24.4727, 24.7619, 15.5135



52.1069, 57.8080, 33.1200

Inverse Universe

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



42.4298, -3.8806, -0.1083



56.0716, -5.6719, -1.0310



40.7677, -1.1302, -2.1519



20.7312, -1.8408, 0.0351



27.7635, -4.7843, -24.3740



59.2914, -8.3523, -56.0788

Previews

White Background



This preview shows how the HunterLab color 41.9763, -0.4519, 4.6158 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 41.9763, -0.4519, 4.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

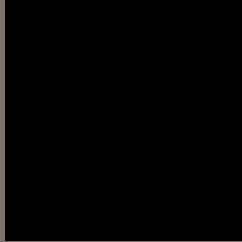
Any Text WCAG AA ✓ Pass

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 41.9763, -0.4519, 4.6158 Background



This preview shows how black text looks on a background with the HunterLab color 41.9763, -0.4519, 4.6158.



This preview shows how white text looks on a background with the HunterLab color 41.9763, -0.4519,

4.6158.

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

41.9763, -0.4519, 4.6158

Protanopia

42.0163, -1.6645, 4.2297

Deuteranopia

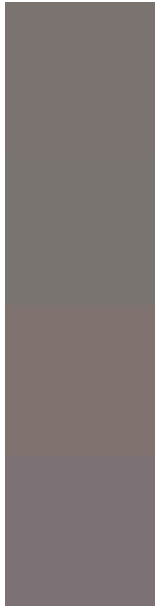
42.0759, 2.6457, 4.7816



Tritanopia

41.9230, 2.7449, -0.1591

Trichromacy



Original Color

41.9763, -0.4519, 4.6158

Protanomaly

42.1018, -1.3688, 4.3315

Deuteranomaly

42.0647, 1.2372, 4.7444

Tritanomaly

41.9854, 1.3495, 1.6911

Monochromacy



Original Color

41.9763, -0.4519, 4.6158

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.0125, -1.5159, 2.9715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9763, -0.4519, 4.6158 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(123, 115, 111)` looks like.

```
.text, #text, p{  
    color:rgb(123, 115, 111)  
}
```

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(123, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 115, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9763, -0.4519, 4.6158 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(123, 115, 111) }
```


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

```
.border{ border-color:rgb(123, 115, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 115, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(123, 115,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9763, -0.4519, 4.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 115, 111) }
```

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

```
.background{ background-color: rgb(123,  
115, 111) }
```

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