

Converting Colors

HunterLab(41.4386, -13.6408,
1.3272)

Have a look what the booklet for
HunterLab(41.4386, -13.6408,
1.3272) contains.

HunterLab(41.4724, -13.6662, 1.2558)	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(41.4724,
-13.6662, 1.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	517B75
RGB	81, 123, 117
RGB Percent	32%, 48%, 46%
CMY	0.6823, 0.5176, 0.5412
CMYK	0.34, 0.00, 0.05, 0.52
HSL	171°, 21%, 40%
HSV	171°, 34%, 48%
XYZ	13.6872, 17.1996, 19.4281
YIQ	109.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

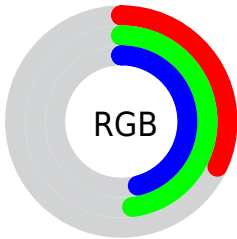
Format	Color
R_{YB}	81, 104, 123
Decimal	5340021
CIE _{Lab}	48.51, -15.99, -1.37
CIE _{LCh}	49, 16.045, 184.896
Yxy	17.2003, 0.2720, 0.3418
Android (android.graphics.Color)	4283530101 (0xFF517B75)
YUV	109.7580, 3.5703, -25.2208
Hunter-Lab	41.4724, -13.6662, 1.2558

Details

The HunterLab color $41.4724, -13.6662, 1.2558$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.8396, 12.2776, 4.1700$, and the grayscale version is $39.3890, -2.1017, 2.1401$.

A 20% lighter version of the original color is $62.3063, -16.7799, 2.3802$, and $23.7709, -10.4348, 0.4218$ is the 20% darker color. If you saturate the color by 10%, you get $40.8219, -16.2339, 1.2057$, and if you desaturate by 10%, it is $42.2322, -10.7462, 1.4397$.

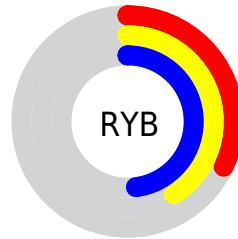
Distribution



Red (32%)

Green (48%)

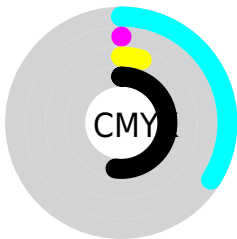
Blue (46%)



Red (32%)

Yellow (41%)

Blue (48%)

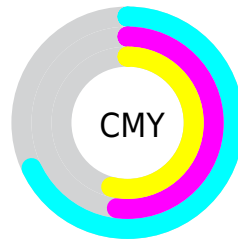


Cyan (34%)

Magenta (0%)

Yellow (5%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4724, -13.6662, 1.2558 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 41.4724, -13.6662, 1.2558 by changing the saturation by 10% instead.

■ 41.4724, -13.6662,
1.2558

■ 41.4724, -13.6662,
1.2558

153.7283,
-26.5453, 6.8295

■ 32.2140, -12.1345,
0.8312

■ 62.1851, -16.6110,
2.2424

■ 23.7695, -10.5336,
0.4577

■ 73.5427, -18.0483,
2.7961

■ 16.2277, -8.8234,
0.1433

■ 85.5182, -19.4727,
3.3867

■ 9.7133, -7.7117,
-0.1008

■ 98.0813, -20.8894,
4.0122

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.2056,
-22.3025, 4.6706

0.0000, NaN, NaN

124.8682,

0.0000, NaN, NaN

-23.7146, 5.3605

0.0000, NaN, NaN

139.0485,
-25.1283, 6.0806

■ 41.4724, -13.6662,
1.2558

■ 41.4724, -13.6662,
1.2558

■ 40.8219, -16.2339,
1.2057

■ 42.2322, -10.7462,
1.4397

■ 40.2767, -18.4334,
1.2862

■ 43.0987, -7.4934,
1.7547

■ 39.8347, -20.2590,
1.4932

■ 44.0717, -3.9339,
2.1979

■ 39.4912, -21.7147,
1.8191

■ 45.1491, -0.0964,
2.7641

■ 39.2394, -22.8159,
2.2530

■ 46.3279, 3.9893,
3.4469

■ 39.0680, -23.5994,
2.7778

■ 47.6048, 8.2930,
4.2387

■ 38.9811, -24.0050,
3.0969

■ 48.9758, 12.7858,
5.1313

■ 50.4368, 17.4407,
6.1167

■ 51.9835, 22.2328,
7.1866

Harmonies

Analogous

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



41.4732, -12.6786, 6.8787



41.4724, -13.6662, 1.2558



41.4732, -11.7400, -4.9333

Triad

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



41.4732, -13.6667, 1.2564



41.4732, 4.9857, -8.4147



41.4732, 3.0801, 11.4389

Complementary

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



41.4724, -13.6662, 1.2558



32.8396, 12.2776, 4.1700

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.



41.4732, 8.2554, 8.3542



41.4724, -13.6662, 1.2558



41.4732, 9.4010, -2.9654

Square

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



41.4732, -13.6667, 1.2564



41.4732, -1.1705, -11.0259



41.4732, 10.6319, 3.2343



41.4732, -3.2496, 12.2223

Rectangle

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



41.4724, -13.6662, 1.2558



41.4732, -8.9898, -8.3845



41.4732, 10.6319, 3.2343



41.4732, 5.0244, 10.6621

Sweetspot

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



41.4732, -13.6667, 1.2564



58.1640, -8.2162, 2.5593



40.9895, -17.1785, 13.6963



28.1548, -4.2522, 1.2102



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.



41.4732, -13.6667, 1.2564



54.8006, -21.0297, 1.6131



37.3744, -6.3585, -6.8096



21.2204, -2.7855, 0.9564



39.6461, -24.4196, 3.1606



86.5339, -53.6683, 7.6945

Inverse Universe

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



32.8396, 12.2776, 4.1700



40.8530, 21.1756, 6.4614



36.2169, 4.6833, 9.6542



20.0587, 0.6662, 1.3301



20.9748, 36.1259, 11.9570



45.7246, 78.5843, 27.3792

Previews

White Background



This preview shows how the HunterLab color 41.4724, -13.6662, 1.2558 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 41.4724, -13.6662, 1.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

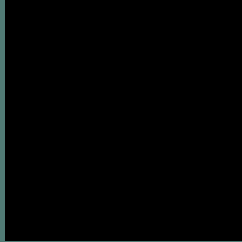
Any Text WCAG AA × Fail

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 41.4724, -13.6662, 1.2558 Background



This preview shows how black text looks on a background with the HunterLab color 41.4724, -13.6662, 1.2558.



This preview shows how white text looks on a background with the HunterLab color 41.4724,

-13.6662, 1.2558.

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

41.4724, -13.6662, 1.2558

Protanopia

41.2145, -1.6252, 3.3156

Deuteranopia

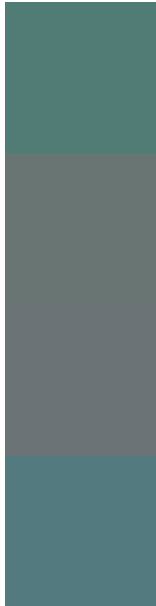
41.2139, 2.9173, 0.3395



Tritanopia

41.4708, -9.7739, -5.3162

Trichromacy



Original Color

41.4724, -13.6662, 1.2558

Protanomaly

41.0859, -6.2652, 2.2342

Deuteranomaly

40.9361, -3.6800, 0.3360

Tritanomaly

41.5505, -11.3122, -2.7607

Monochromacy



Original Color

41.4724, -13.6662, 1.2558

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1327, -6.8211, 1.5299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4724, -13.6662, 1.2558 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(81, 123, 117)` looks like.

```
.text, #text, p{  
    color:rgb(81, 123, 117)  
}
```

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(81, 123, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 123, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4724, -13.6662, 1.2558 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(81, 123, 117) }
```


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

```
.border{ border-color:rgb(81, 123, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 123, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 123, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 123, 117);  
box-shadow:4px 4px 4px 4px rgb(81, 123,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4724, -13.6662, 1.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 123, 117) }
```

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

```
.background{ background-color: rgb(81, 123,  
117) }
```

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