

Converting Colors

HunterLab(40.2314, -14.5469,
4.2557)

Have a look what the booklet for
HunterLab(40.2314, -14.5469,
4.2557) contains.

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Color

**HunterLab(40.1694,
-14.5619, 4.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	4F786A
RGB	79, 120, 106
RGB Percent	31%, 47%, 42%
CMY	0.6902, 0.5294, 0.5843
CMYK	0.34, 0.00, 0.12, 0.53
HSL	160°, 21%, 39%
HSV	160°, 34%, 47%
XYZ	12.5424, 16.1358, 16.0892
YIQ	106.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

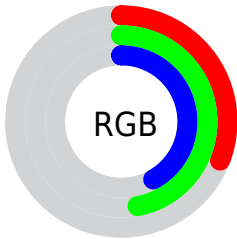
Format	Color
RYB	79, 104, 120
Decimal	5208170
CIELab	47.15, -17.65, 3.15
CIElCh	47, 17.930, 169.888
Yxy	16.1365, 0.2802, 0.3604
Android (android.graphics.Color)	4283398250 (0xFF4F786A)
YUV	106.1450, -0.0715, -23.8062
Hunter-Lab	40.1694, -14.5619, 4.3710

Details

The HunterLab color **40.1694, -14.5619, 4.3710** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.2114, 12.9990, 1.0133**, and the grayscale version is **38.0257, -2.0290, 2.0660**.

A 20% lighter version of the original color is **60.5683, -17.4516, 5.7913**, and **22.6132, -11.0949, 2.8912** is the 20% darker color. If you saturate the color by 10%, you get **39.4769, -17.4247, 5.1789**, and if you desaturate by 10%, it is **40.9703, -11.3513, 3.6580**.

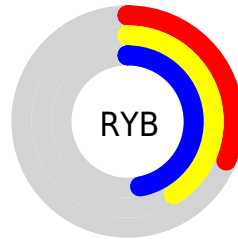
Distribution



Red (31%)

Green (47%)

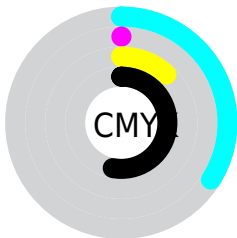
Blue (42%)



Red (31%)

Yellow (41%)

Blue (47%)

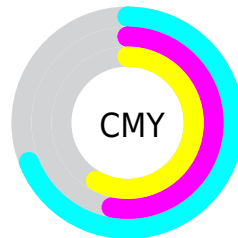


Cyan (34%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1694, -14.5619, 4.3710 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 40.1694, -14.5619, 4.3710 by changing the saturation by 10% instead.

40.1694, -14.5619,
4.3710

40.1694, -14.5619,
4.3710

151.7055,
-28.2021, 11.7190

31.0174, -12.9068,
3.6819

60.6918, -17.7179,
5.8284

22.6898, -11.1642,
3.0169

71.9629, -19.2482,
6.5958

15.2791, -9.2844,
2.3733

83.8563, -20.7594,
7.3887

8.8988, -9.1188,
1.9508

96.3412, -22.2578,
8.2067

0.0000, NaN, NaN

0.0000, NaN, NaN

109.3908,
-23.7481, 9.0492

0.0000, NaN, NaN

122.9814,

0.0000, NaN, NaN

-25.2338, 9.9158

0.0000, NaN, NaN

137.0925,
-26.7177, 10.8059

■ 40.1694, -14.5619,
4.3710

■ 40.1694, -14.5619,
4.3710

■ 39.4769, -17.4247,
5.1789

■ 40.9703, -11.3513,
3.6580

■ 38.8895, -19.9186,
6.0714

■ 41.8767, -7.8165,
3.0448

■ 38.4058, -22.0326,
7.0377

■ 42.8877, -3.9874,
2.5357

■ 38.0215, -23.7656,
8.0646

■ 44.0007, 0.1044,
2.1323

■ 37.7306, -25.1280,
9.1364

■ 45.2126, 4.4270,
1.8345

■ 37.5220, -26.1542,
10.2334

■ 46.5195, 8.9494,
1.6403

■ 37.4144, -26.6932,
10.8581

■ 47.9174, 13.6420,
1.5465

■ 49.4020, 18.4781,
1.5488

■ 50.9690, 23.4333,
1.6423

Harmonies

Analogous

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



40.1702, -11.9349, 9.5958



40.1694, -14.5619, 4.3710



40.1702, -14.0414, -2.4201

Triad

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



40.1702, -14.5625, 4.3715



40.1702, 2.5391, -11.8222



40.1702, 6.9047, 10.8021

Complementary

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



40.1694, -14.5619, 4.3710



32.2114, 12.9990, 1.0133

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.



40.1702, 11.3192, 6.3050



40.1694, -14.5619, 4.3710



40.1702, 8.6816, -6.9741

Square

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



40.1702, -14.5625, 4.3715



40.1702, -4.4829, -12.5805



40.1702, 11.9908, -0.1284



40.1702, 0.2465, 12.8645

Rectangle

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



40.1694, -14.5619, 4.3710



40.1702, -11.9656, -6.9271



40.1702, 11.9908, -0.1284



40.1702, 8.7190, 9.5651

Sweetspot

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



40.1702, -14.5625, 4.3715



56.0454, -8.4187, 3.7565



40.4272, -14.7701, 13.8036



27.2108, -4.3763, 1.8674



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.



40.1702, -14.5625, 4.3715



52.5402, -22.3281, 6.6266



38.7553, -9.7171, -3.4749



21.1903, -2.9532, 1.3866



39.0744, -27.9012, 11.3911



85.2443, -61.5296, 26.2768

Inverse Universe

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



32.2114, 12.9990, 1.0133



39.8034, 22.0209, 1.3971



33.2846, 8.3468, 7.4790



20.0887, 0.8276, 0.9027



21.2796, 37.2502, 7.4850



46.3193, 80.7811, 18.6301

Previews

White Background



This preview shows how the HunterLab color 40.1694, -14.5619, 4.3710 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 40.1694, -14.5619, 4.3710 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 40.1694, -14.5619, 4.3710 Background



This preview shows how black text looks on a background with the HunterLab color 40.1694, -14.5619, 4.3710.



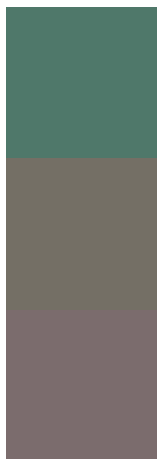
This preview shows how white text looks on a background with the HunterLab color 40.1694,

-14.5619, 4.3710.

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

40.1694, -14.5619, 4.3710

Protanopia

40.0268, -2.1025, 6.3904

Deuteranopia

40.0502, 2.5207, 3.3046



Tritanopia

40.1419, -8.9577, -4.5757

Trichromacy



Original Color

40.1694, -14.5619, 4.3710

Protanomaly

39.8716, -6.8350, 5.3676

Deuteranomaly

39.7453, -4.1442, 3.2543

Tritanomaly

40.1031, -11.0358, -1.2847

Monochromacy



Original Color

40.1694, -14.5619, 4.3710

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.5957, -6.9113, 2.7146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1694, -14.5619, 4.3710 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(79, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 106)  
}
```

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(79, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1694, -14.5619, 4.3710 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(79, 120, 106) }
```


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

```
.border{ border-color:rgb(79, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1694, -14.5619, 4.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 106) }
```

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

```
.background{ background-color: rgb(79, 120,  
106) }
```

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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