

Converting Colors

HunterLab(40.6014, -9.9845,
2.4486)

Have a look what the booklet for
HunterLab(40.6014, -9.9845, 2.4486)
contains.

HunterLab(40.4994, -9.9773, 2.3393)	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(40.4994, -9.9773,
2.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7670
RGB	92, 118, 112
RGB Percent	36%, 46%, 44%
CMY	0.6392, 0.5372, 0.5608
CMYK	0.22, 0.00, 0.05, 0.54
HSL	166°, 12%, 41%
HSV	166°, 22%, 46%
XYZ	13.8167, 16.4020, 17.7669
YIQ	109.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

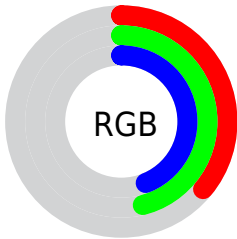
Format	Color
R_{YB}	92, 107, 118
Decimal	6059632
CIE _{Lab}	47.50, -10.80, 0.19
CIE _{LCh}	47, 10.798, 178.996
Yxy	16.4027, 0.2879, 0.3418
Android (android.graphics.Color)	4284249712 (0xFF5C7670)
YUV	109.5420, 1.2118, -15.3843
Hunter-Lab	40.4994, -9.9773, 2.3393

Details

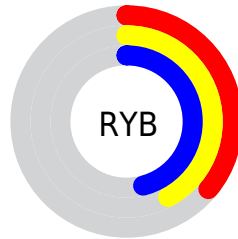
The HunterLab color $40.4994, -9.9773, 2.3393$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.1967, 6.8887, 2.3423$, and the grayscale version is $39.3126, -2.0976, 2.1359$.

A 20% lighter version of the original color is $61.0487, -12.0915, 3.2961$, and $23.0399, -7.7980, 1.5785$ is the 20% darker color. If you saturate the color by 10%, you get $39.7263, -12.9994, 2.5417$, and if you desaturate by 10%, it is $41.3765, -6.6485, 2.2567$.

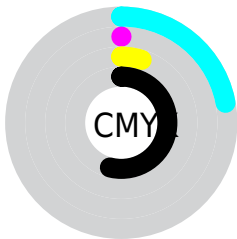
Distribution



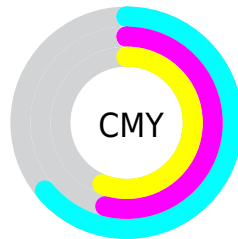
- Red (36%)
- Green (46%)
- Blue (44%)



- Red (36%)
- Yellow (42%)
- Blue (46%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (64%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4994, -9.9773, 2.3393 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 40.4994, -9.9773, 2.3393 by changing the saturation by 10% instead.

■ 40.4994, -9.9773,
2.3393

■ 40.4994, -9.9773,
2.3393

152.2190,
-20.5675, 8.4963

■ 31.3202, -8.7925,
1.8290

■ 61.0704, -12.3093,
3.4795

■ 22.9627, -7.5764,
1.3619

■ 72.3635, -13.4700,
4.1033

■ 15.5185, -6.3042,
0.9429

■ 84.2779, -14.6334,
4.7604

■ 9.1111, -5.6502,
0.5820

■ 96.7827, -15.8023,
5.4492

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8513,
-16.9788, 6.1684

0.0000, NaN, NaN

123.4603,

0.0000, NaN, NaN

-18.1644, 6.9167

0.0000, NaN, NaN

137.5890,
-19.3604, 7.6930

■ 40.4994, -9.9773,
2.3393

■ 40.4994, -9.9773,
2.3393

■ 39.7263, -12.9994,
2.5417

■ 41.3765, -6.6485,
2.2567

■ 39.0551, -15.6898,
2.8606

■ 42.3534, -3.0377,
2.2913

■ 38.4859, -18.0318,
3.2926

■ 43.4288, 0.8257,
2.4413

■ 38.0164, -20.0153,
3.8311

■ 44.5996, 4.9121,
2.7024

■ 37.6429, -21.6393,
4.4668

■ 45.8623, 9.1928,
3.0694

■ 37.3595, -22.9138,
5.1877

■ 47.2131, 13.6403,
3.5363

■ 37.1581, -23.8617,
5.9790

■ 48.6477, 18.2294,
4.0965

■ 37.0253, -24.5053,
6.6214

■ 50.1622, 22.9373,
4.7434

■ 51.7524, 27.7437,
5.4702

Harmonies

Analogous

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



40.5002, -8.9008, 5.9905



40.4994, -9.9773, 2.3393



40.5002, -9.0337, -1.7278

Triad

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



40.5002, -9.9780, 2.3399



40.5002, 1.8550, -5.1626



40.5002, 2.1116, 8.2908

Complementary

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



40.4994, -9.9773, 2.3393



35.1967, 6.8887, 2.3423

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.



40.5002, 5.1983, 5.7782



40.4994, -9.9773, 2.3393



40.5002, 5.0459, -1.9863

Square

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



40.5002, -9.9780, 2.3399



40.5002, -2.3056, -6.3185



40.5002, 6.2931, 2.0687



40.5002, -2.0205, 9.2019

Rectangle

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



40.4994, -9.9773, 2.3393



40.5002, -7.3621, -4.0791



40.5002, 6.2931, 2.0687



40.5002, 3.3121, 7.6191

Sweetspot

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



40.5002, -9.9780, 2.3399



55.4779, -6.5330, 2.9953



40.4112, -11.2880, 9.8478



26.5773, -3.2218, 1.4355



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.5002, -9.9780, 2.3399



53.2126, -15.1315, 3.2066



38.6876, -5.9888, -2.5338



20.3507, -2.7315, 1.1015



38.5075, -25.5033, 6.9232



84.9262, -56.7853, 16.4328

Inverse Universe

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



35.1967, 6.8887, 2.3423



44.7737, 11.7633, 3.2401



36.7910, 2.8560, 6.4029



19.2703, 0.6926, 1.0958



20.6201, 35.7250, 10.1269



45.3958, 78.4075, 24.1725

Previews

White Background



This preview shows how the HunterLab color 40.4994, -9.9773, 2.3393 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 40.4994, -9.9773, 2.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

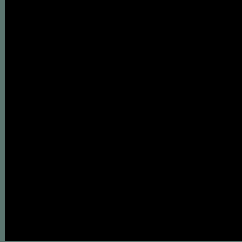
Any Text WCAG AA × Fail

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 40.4994, -9.9773, 2.3393 Background



This preview shows how black text looks on a background with the HunterLab color 40.4994, -9.9773, 2.3393.



This preview shows how white text looks on a background with the HunterLab color 40.4994, -9.9773,

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

40.4994, -9.9773, 2.3393

Protanopia

40.4194, -1.7322, 3.6533

Deuteranopia

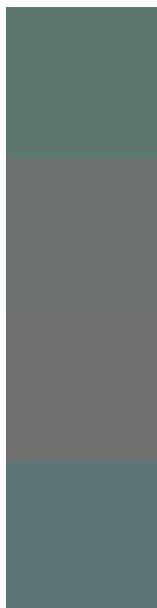
40.3606, 2.4837, 1.5275



Tritanopia

40.5023, -6.2419, -3.5540

Trichromacy



Original Color

40.4994, -9.9773, 2.3393

Protanomaly

40.3562, -4.7402, 3.1114

Deuteranomaly

40.1996, -2.2774, 1.6891

Tritanomaly

40.5689, -7.7794, -1.1071

Monochromacy



Original Color

40.4994, -9.9773, 2.3393

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.8014, -5.2158, 2.0315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4994, -9.9773, 2.3393 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(92, 118, 112)` looks like.

```
.text, #text, p{  
    color:rgb(92, 118, 112)  
}
```

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(92, 118, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 118, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4994, -9.9773, 2.3393 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(92, 118, 112) }
```


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

```
.border{ border-color:rgb(92, 118, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 118, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 118, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 118, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 118,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4994, -9.9773, 2.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 118, 112) }
```

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

```
.background{ background-color: rgb(92, 118,  
112) }
```

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