

Converting Colors

HunterLab(41.0180, -11.2627,
2.6015)

Have a look what the booklet for
HunterLab(41.0180, -11.2627,
2.6015) contains.

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Color

**HunterLab(40.9864,
-11.1312, 2.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7871
RGB	90, 120, 113
RGB Percent	35%, 47%, 44%
CMY	0.6471, 0.5294, 0.5569
CMYK	0.25, 0.00, 0.06, 0.53
HSL	166°, 14%, 41%
HSV	166°, 25%, 47%
XYZ	13.9136, 16.7988, 18.1320
YIQ	110.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

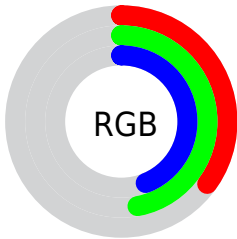
Format	Color
R_{YB}	90, 107, 120
Decimal	5929073
CIE _{Lab}	48.01, -12.37, 0.32
CIE _{LCh}	48, 12.377, 178.511
Yxy	16.7995, 0.2849, 0.3439
Android (android.graphics.Color)	4284119153 (0xFF5A7871)
YUV	110.2320, 1.3646, -17.7435
Hunter-Lab	40.9864, -11.1312, 2.4612

Details

The HunterLab color $40.9864, -11.1312, 2.4612$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.8840, 8.3398, 2.4185$, and the grayscale version is $39.5762, -2.1117, 2.1502$.

A 20% lighter version of the original color is $61.5503, -13.3780, 3.4027$, and $23.2416, -8.3881, 1.4168$ is the 20% darker color. If you saturate the color by 10%, you get $40.2287, -14.1189, 2.7155$, and if you desaturate by 10%, it is $41.8506, -7.8225, 2.3287$.

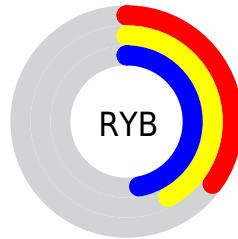
Distribution



Red (35%)

Green (47%)

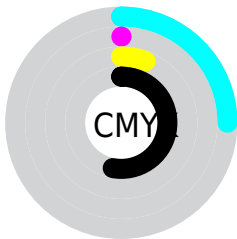
Blue (44%)



Red (35%)

Yellow (42%)

Blue (47%)

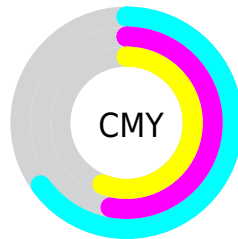


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9864, -11.1312, 2.4612 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 40.9864, -11.1312, 2.4612 by changing the saturation by 10% instead.

■ 40.9864, -11.1312,
2.4612

■ 40.9864, -11.1312,
2.4612

152.9753,
-22.4144, 8.6854

■ 31.7674, -9.8421,
1.9410

■ 61.6286, -13.6481,
3.6191

■ 23.3662, -8.5107,
1.4629

■ 72.9541, -14.8924,
4.2510

■ 15.8729, -7.1079,
1.0318

■ 84.8992, -16.1348,
4.9157

■ 9.4147, -6.2296,
0.6541

■ 97.4333, -17.3788,
5.6119

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5298,
-18.6271, 6.3380

0.0000, NaN, NaN

124.1657,

0.0000, NaN, NaN

-19.8815, 7.0930

0.0000, NaN, NaN

138.3203,
-21.1435, 7.8758

■ 40.9864, -11.1312,
2.4612

■ 40.9864, -11.1312,
2.4612

■ 40.2287, -14.1189,
2.7155

■ 41.8506, -7.8225,
2.3287

■ 39.5750, -16.7615,
3.0875

■ 42.8176, -4.2172,
2.3162

■ 39.0250, -19.0440,
3.5728

■ 43.8859, -0.3451,
2.4224

■ 38.5760, -20.9585,
4.1636

■ 45.0526, 3.7637,
2.6435

■ 38.2235, -22.5074,
4.8497

■ 46.3144, 8.0794,
2.9745

■ 37.9609, -23.7043,
5.6177

■ 47.6673, 12.5734,
3.4094

■ 37.7751, -24.5932,
6.4472

■ 49.1072, 17.2191,
3.9418

■ 37.6911, -25.0018,
6.8611

■ 50.6298, 21.9924,
4.5648

■ 52.2310, 26.8718,
5.2716

Harmonies

Analogous

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



40.9872, -9.8686, 6.6144



40.9864, -11.1312, 2.4612



40.9872, -10.0934, -2.2502

Triad

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



40.9872, -11.1318, 2.4618



40.9872, 2.3745, -6.3887



40.9872, 2.8150, 9.1201

Complementary

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



40.9864, -11.1312, 2.4612



34.8840, 8.3398, 2.4185

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.



40.9872, 6.3635, 6.2572



40.9864, -11.1312, 2.4612



40.9872, 6.1009, -2.6972

Square

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



40.9872, -11.1318, 2.4618



40.9872, -2.4321, -7.7042



40.9872, 7.5927, 1.9990



40.9872, -1.9456, 10.1706

Rectangle

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



40.9864, -11.1312, 2.4612



40.9872, -8.2070, -5.0141



40.9872, 7.5927, 1.9990



40.9872, 4.1972, 8.3556

Sweetspot

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



40.9872, -11.1318, 2.4618



56.3591, -7.1610, 3.0597



40.9155, -12.5070, 10.9757



27.3551, -3.7891, 1.4894



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.



40.9872, -11.1318, 2.4618



53.7624, -17.0888, 3.4383



39.0248, -6.7425, -3.0691



21.2066, -2.8623, 1.1535



39.3640, -26.1305, 7.2068



85.8941, -57.5522, 16.8786

Inverse Universe

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



34.8840, 8.3398, 2.4185



43.9164, 14.4209, 3.4201



36.5703, 3.9105, 6.9201



20.0723, 0.7393, 1.1365



21.0849, 36.5330, 10.3340



45.9287, 79.3399, 24.3634

Previews

White Background



This preview shows how the HunterLab color 40.9864, -11.1312, 2.4612 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 40.9864, -11.1312, 2.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

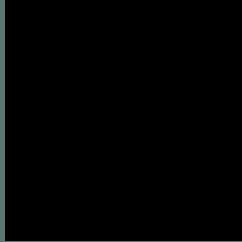
Any Text WCAG AA × Fail

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 40.9864, -11.1312, 2.4612 Background



This preview shows how black text looks on a background with the HunterLab color 40.9864, -11.1312, 2.4612.



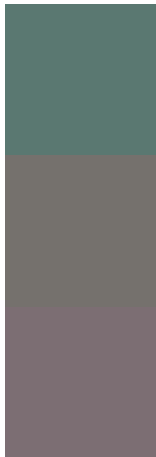
This preview shows how white text looks on a background with the HunterLab color 40.9864,

-11.1312, 2.4612.

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

40.9864, -11.1312, 2.4612

Protanopia

40.8611, -1.6047, 4.1571

Deuteranopia

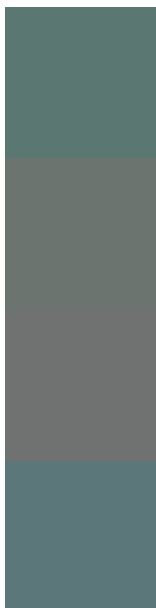
40.8347, 2.7750, 1.6606



Tritanopia

41.0077, -7.2396, -3.8882

Trichromacy



Original Color

40.9864, -11.1312, 2.4612

Protanomaly

40.9174, -5.6311, 3.7389

Deuteranomaly

40.8586, -2.7535, 2.0278

Tritanomaly

41.0781, -8.7774, -1.4170

Monochromacy



Original Color

40.9864, -11.1312, 2.4612

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0823, -5.6593, 2.3537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9864, -11.1312, 2.4612 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(90, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(90, 120, 113)  
}
```

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(90, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 120, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9864, -11.1312, 2.4612 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(90, 120, 113) }
```


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

```
.border{ border-color:rgb(90, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(90, 120,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9864, -11.1312, 2.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 120, 113) }
```

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

```
.background{ background-color: rgb(90, 120,  
113) }
```

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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