

Converting Colors

HunterLab(40.9820, -17.5022,
2.2105)

Have a look what the booklet for
HunterLab(40.9820, -17.5022,
2.2105) contains.

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Color

**HunterLab(40.9461,
-17.4463, 2.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	427C71
RGB	66, 124, 113
RGB Percent	26%, 49%, 44%
CMY	0.7412, 0.5137, 0.5569
CMYK	0.47, 0.00, 0.09, 0.51
HSL	169°, 31%, 37%
HSV	169°, 47%, 49%
XYZ	12.4351, 16.7658, 18.2036
YIQ	105.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

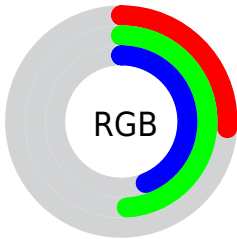
Format	Color
RYB	66, 98, 124
Decimal	4357233
CIELab	47.96, -21.88, 0.10
CIELCh	48, 21.878, 179.726
Yxy	16.7665, 0.2623, 0.3537
Android (android.graphics.Color)	4282547313 (0xFF427C71)
YUV	105.4040, 3.7448, -34.5573
Hunter-Lab	40.9461, -17.4463, 2.3035

Details

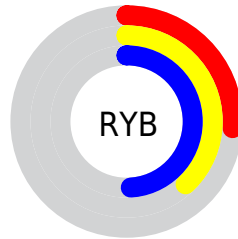
The HunterLab color **40.9461, -17.4463, 2.3035** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.5260, 18.4609, 4.4167**, and the grayscale version is **37.7337, -2.0134, 2.0501**.

A 20% lighter version of the original color is **61.6542, -21.0833, 3.3897**, and **23.4058, -13.5407, 1.5173** is the 20% darker color. If you saturate the color by 10%, you get **40.4094, -19.6616, 2.6386**, and if you desaturate by 10%, it is **41.5916, -14.8563, 2.0947**.

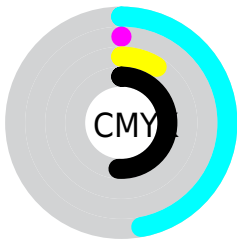
Distribution



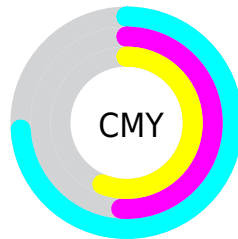
- Red (26%)
- Green (49%)
- Blue (44%)



- Red (26%)
- Yellow (38%)
- Blue (49%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (51%)



- Cyan (74%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9461, -17.4463, 2.3035 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 40.9461, -17.4463, 2.3035 by changing the saturation by 10% instead.

40.9461, -17.4463,
2.3035

40.9461, -17.4463,
2.3035

152.9128,
-32.9875, 8.4402

31.7303, -15.5005,
1.7962

61.5824, -21.1139,
3.4382

23.3327, -13.4345,
1.3324

72.9052, -22.8743,
4.0596

15.8435, -11.1856,
0.9171

84.8478, -24.6024,
4.7144

9.3900, -10.6539,
0.5573

97.3794, -26.3065,
5.4010

0.0000, NaN, NaN

0.0000, NaN, NaN

110.4737,
-27.9927, 6.1181

0.0000, NaN, NaN

124.1073,

0.0000, NaN, NaN

-29.6659, 6.8643

0.0000, NaN, NaN

138.2598,
-31.3298, 7.6387

■ 40.9461, -17.4463,
2.3035

■ 40.9461, -17.4463,
2.3035

■ 40.4094, -19.6616,
2.6386

■ 41.5916, -14.8563,
2.0947

■ 39.9756, -21.4960,
3.0913

■ 42.3450, -11.9043,
2.0147

■ 39.6405, -22.9555,
3.6520

■ 43.2076, -8.6113,
2.0653

■ 39.3965, -24.0584,
4.3075

■ 44.1781, -5.0035,
2.2454

■ 39.2250, -24.8717,
5.0313

■ 45.2547, -1.1098,
2.5516

■ 39.1731, -25.1204,
5.2647

■ 46.4346, 3.0388,
2.9791

■ 47.7143, 7.4116,
3.5216

■ 49.0898, 11.9787,
4.1720

■ 50.5570, 16.7120,
4.9227

Harmonies

Analogous

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



40.9469, -15.5127, 9.3930



40.9461, -17.4463, 2.3035



40.9469, -15.5813, -6.3641

Triad

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



40.9469, -17.4467, 2.3040



40.9469, 6.3399, -13.9211



40.9469, 6.4880, 13.6203

Complementary

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



40.9461, -17.4463, 2.3035



29.5260, 18.4609, 4.4167

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.



40.9469, 13.1865, 9.2872



40.9461, -17.4463, 2.3035



40.9469, 13.0962, -6.5216

Square

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



40.9469, -17.4467, 2.3040



40.9469, -2.2661, -16.8296



40.9469, 15.6971, 2.1535



40.9469, -2.1079, 15.0459

Rectangle

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



40.9461, -17.4463, 2.3035



40.9469, -12.3385, -11.6820



40.9469, 15.6971, 2.1535



40.9469, 9.0612, 12.5064

Sweetspot

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



40.9469, -17.4467, 2.3040



57.6175, -10.2921, 2.7823



40.5120, -21.1036, 17.0500



27.8526, -5.4041, 1.3344



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.



40.9469, -17.4467, 2.3040



53.5689, -26.2302, 3.5295



36.1196, -8.3468, -9.1918



21.2133, -2.8253, 1.0586



39.4957, -25.3303, 5.3147



86.1920, -55.7397, 12.5934

Inverse Universe

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



29.5260, 18.4609, 4.4167



35.6481, 30.8112, 7.2401



33.0558, 9.2201, 11.2848



20.0657, 0.7039, 1.2303



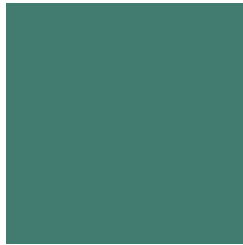
21.0260, 36.3154, 11.2010



45.8170, 78.9267, 26.0117

Previews

White Background



This preview shows how the HunterLab color 40.9461, -17.4463, 2.3035 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 40.9461, -17.4463, 2.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

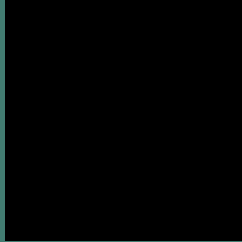
Any Text WCAG AA × Fail

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 40.9461, -17.4463, 2.3035 Background



This preview shows how black text looks on a background with the HunterLab color 40.9461, -17.4463, 2.3035.



This preview shows how white text looks on a background with the HunterLab color 40.9461,

-17.4463, 2.3035.

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

40.9461, -17.4463, 2.3035

Protanopia

40.8089, -1.8899, 4.9039

Deuteranopia

40.7723, 2.6219, 1.1422



Tritanopia

40.8081, -12.2207, -6.2658

Trichromacy



Original Color

40.9461, -17.4463, 2.3035

Protanomaly

40.5258, -8.5570, 3.6550

Deuteranomaly

40.4030, -5.7400, 0.9939

Tritanomaly

40.7916, -14.2715, -2.8305

Monochromacy



Original Color

40.9461, -17.4463, 2.3035

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.5943, -8.2687, 1.8417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9461, -17.4463, 2.3035 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(66, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(66, 124, 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(66, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 124, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9461, -17.4463, 2.3035 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(66, 124, 113) }
```


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

```
.border{ border-color:rgb(66, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(66, 124,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9461, -17.4463, 2.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 124, 113) }
```

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

```
.background{ background-color: rgb(66, 124,  
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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