

Converting Colors

HunterLab(40.7028, -15.2531,
2.0568)

Have a look what the booklet for
HunterLab(40.7028, -15.2531,
2.0568) contains.

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Color

**HunterLab(40.7028,
-15.2531, 2.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7A71
RGB	74, 122, 113
RGB Percent	29%, 48%, 44%
CMY	0.7098, 0.5216, 0.5569
CMYK	0.39, 0.00, 0.07, 0.52
HSL	169°, 24%, 38%
HSV	169°, 39%, 48%
XYZ	12.7642, 16.5672, 18.1478
YIQ	106.6220, -25.7190, -12.9750

Conversions

Conversions Part 2

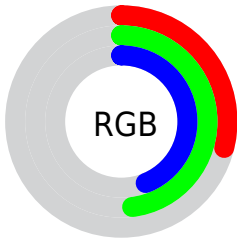
Format	Color
RYB	74, 100, 122
Decimal	4881009
CIELab	47.71, -18.56, -0.22
CIElCh	48, 18.566, 180.679
Yxy	16.5678, 0.2688, 0.3489
Android (android.graphics.Color)	4283071089 (0xFF4A7A71)
YUV	106.6220, 3.1444, -28.6095
Hunter-Lab	40.7028, -15.2531, 2.0568

Details

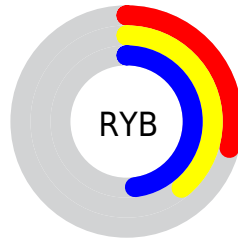
The HunterLab color $[40.7028, -15.2531, 2.0568]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[31.0807, 14.7369, 3.7974]$, and the grayscale version is $[38.1967, -2.0381, 2.0753]$.

A 20% lighter version of the original color is $[61.4301, -18.6480, 3.1693]$, and $[23.1105, -11.7621, 1.2045]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.0983, -17.6995, 2.2840]$, and if you desaturate by 10%, it is $[41.4152, -12.4494, 1.9568]$.

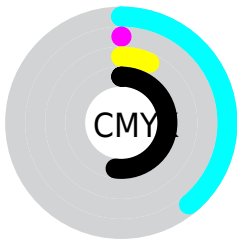
Distribution



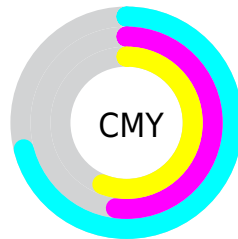
- Red (29%)
- Green (48%)
- Blue (44%)



- Red (29%)
- Yellow (39%)
- Blue (48%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7028, -15.2531, 2.0568 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 40.7028, -15.2531, 2.0568 by changing the saturation by 10% instead.

40.7028, -15.2531,
2.0568

40.7028, -15.2531,
2.0568

152.5351,
-29.2966, 8.0574

31.5069, -13.5382,
1.5696

61.3035, -18.5159,
3.1556

23.1311, -11.7303,
1.1279

72.6102, -20.0947,
3.7606

15.6663, -9.7780,
0.7374

84.5375, -21.6519,
4.3998

9.2392, -9.2489,
0.4042

97.0545, -23.1942,
5.0717

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1348,
-24.7264, 5.7746

0.0000, NaN, NaN

123.7551,

0.0000, NaN, NaN

-26.2523, 6.5073

0.0000, NaN, NaN

137.8946,
-27.7749, 7.2685

■ 40.7028, -15.2531,
2.0568

■ 40.7028, -15.2531,
2.0568

■ 40.0983, -17.6995,
2.2840

■ 41.4152, -12.4494,
1.9568

■ 39.5973, -19.7757,
2.6323

■ 42.2335, -9.3056,
1.9844

■ 39.1968, -21.4797,
3.0945

■ 43.1581, -5.8465,
2.1394

■ 38.8913, -22.8200,
3.6602

■ 44.1871, -2.1000,
2.4190

■ 38.6728, -23.8177,
4.3155

■ 45.3180, 1.9043,
2.8187

■ 38.5109, -24.5890,
5.0204

■ 46.5475, 6.1360,
3.3327

■ 38.5005, -24.6390,
5.0662

■ 47.8720, 10.5657,
3.9541

■ 49.2874, 15.1653,
4.6755

■ 50.7894, 19.9091,
5.4895

Harmonies

Analogous

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



40.7036, -13.6800, 8.2150



40.7028, -15.2531, 2.0568



40.7036, -13.5329, -5.1855

Triad

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



40.7036, -15.2536, 2.0573



40.7036, 5.2216, -10.9894



40.7036, 4.9142, 12.2045

Complementary

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



40.7028, -15.2531, 2.0568



31.0807, 14.7369, 3.7974

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.



40.7036, 10.5856, 8.4443



40.7028, -15.2531, 2.0568



40.7036, 10.7716, -4.8638

Square

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



40.7036, -15.2536, 2.0573



40.7036, -2.0079, -13.4853



40.7036, 12.7990, 2.3732



40.7036, -2.3399, 13.4134

Rectangle

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



40.7028, -15.2531, 2.0568



40.7036, -10.6743, -9.4980



40.7036, 12.7990, 2.3732



40.7036, 7.0866, 11.2338

Sweetspot

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



40.7036, -15.2536, 2.0573



56.8674, -9.1472, 2.7597



40.3492, -18.3362, 15.0218



27.1348, -4.5893, 1.3089



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.



40.7036, -15.2536, 2.0573



53.2746, -23.1089, 2.9843



36.7458, -7.6746, -7.2017



21.2136, -2.8235, 1.0539



39.5024, -25.2897, 5.2186



86.2072, -55.6475, 12.3754

Inverse Universe

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



31.0807, 14.7369, 3.7974



38.0322, 24.8063, 5.9605



34.1728, 6.9809, 9.9385



20.0654, 0.7022, 1.2349



21.0234, 36.3057, 11.2395



45.8122, 78.9088, 26.0833

Previews

White Background



This preview shows how the HunterLab color 40.7028, -15.2531, 2.0568 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 40.7028, -15.2531, 2.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

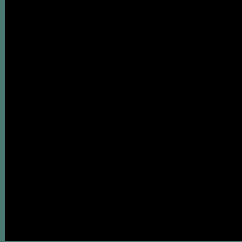
Any Text WCAG AA × Fail

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 40.7028, -15.2531, 2.0568 Background



This preview shows how black text looks on a background with the HunterLab color 40.7028, -15.2531, 2.0568.



This preview shows how white text looks on a background with the HunterLab color 40.7028,

-15.2531, 2.0568.

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

40.7028, -15.2531, 2.0568

Protanopia

40.4772, -1.5849, 4.1328

Deuteranopia

40.4176, 2.7892, 0.7158



Tritanopia

40.7892, -10.8992, -5.2457

Trichromacy



Original Color

40.7028, -15.2531, 2.0568

Protanomaly

40.4763, -7.2118, 3.2064

Deuteranomaly

40.3431, -4.5088, 0.9432

Tritanomaly

40.8443, -12.5967, -2.2540

Monochromacy



Original Color

40.7028, -15.2531, 2.0568

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.8913, -7.1369, 1.7832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7028, -15.2531, 2.0568 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(74, 122, 113)` looks like.

```
.text, #text, p{  
    color:rgb(74, 122, 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(74, 122, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 122, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7028, -15.2531, 2.0568 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(74, 122, 113) }
```


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

```
.border{ border-color:rgb(74, 122, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 122, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 122, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 122, 113);  
box-shadow:4px 4px 4px 4px rgb(74, 122,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7028, -15.2531, 2.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 122, 113) }
```

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

```
.background{ background-color: rgb(74, 122,  
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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