

Converting Colors

HunterLab(40.1512, -15.6439,
4.4602)

Have a look what the booklet for
HunterLab(40.1512, -15.6439,
4.4602) contains.

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Color

**HunterLab(40.2631,
-15.7507, 4.4548)**

Conversions

Conversions Part 1

Format	Color
Hex	4B796A
RGB	75, 121, 106
RGB Percent	29%, 47%, 42%
CMY	0.7059, 0.5255, 0.5843
CMYK	0.38, 0.00, 0.12, 0.53
HSL	160°, 23%, 38%
HSV	160°, 38%, 47%
XYZ	12.3405, 16.2112, 16.1143
YIQ	105.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

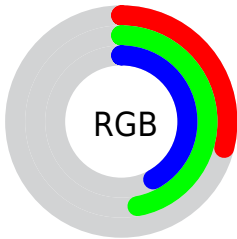
Format	Color
RYB	75, 102, 121
Decimal	4946282
CIELab	47.25, -19.45, 3.26
CIELCh	47, 19.720, 170.478
Yxy	16.2118, 0.2763, 0.3629
Android (android.graphics.Color)	4283136362 (0xFF4B796A)
YUV	105.5360, 0.2288, -26.7801
Hunter-Lab	40.2631, -15.7507, 4.4548

Details

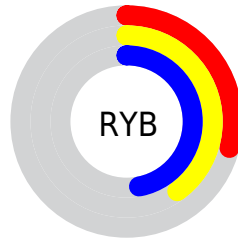
The HunterLab color $40.2631, -15.7507, 4.4548$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.3619, 14.8232, 1.2968$, and the grayscale version is $37.7942, -2.0166, 2.0534$.

A 20% lighter version of the original color is $60.9443, -19.2948, 6.1833$, and $22.7379, -12.0577, 3.0107$ is the 20% darker color. If you saturate the color by 10%, you get $39.6096, -18.4736, 5.2464$, and if you desaturate by 10%, it is $41.0257, -12.6692, 3.7606$.

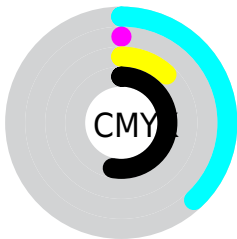
Distribution



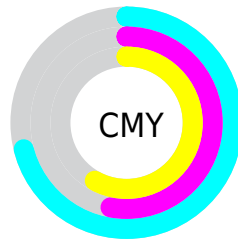
- Red (29%)
- Green (47%)
- Blue (42%)



- Red (29%)
- Yellow (40%)
- Blue (47%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (71%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2631, -15.7507, 4.4548 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 40.2631, -15.7507, 4.4548 by changing the saturation by 10% instead.

■ 40.2631, -15.7507,
4.4548

■ 40.2631, -15.7507,
4.4548

151.8514,
-30.2021, 11.8521

■ 31.1033, -13.9703,
3.7583

■ 60.7993, -19.1262,
5.9253

■ 22.7672, -12.0873,
3.0851

■ 72.0766, -20.7548,
6.6987

■ 15.3470, -10.0458,
2.4323

■ 83.9761, -22.3586,
7.4972

■ 8.9596, -9.9370,
1.9970

■ 96.4666, -23.9446,
8.3205

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5216,
-25.5183, 9.1681

0.0000, NaN, NaN

123.1175,

0.0000, NaN, NaN

-27.0837, 10.0396

0.0000, NaN, NaN

137.2336,
-28.6442, 10.9344

■ 40.2631, -15.7507,
4.4548

■ 40.2631, -15.7507,
4.4548

■ 39.6096, -18.4736,
5.2464

■ 41.0257, -12.6692,
3.7606

■ 39.0613, -20.8199,
6.1245

■ 41.8949, -9.2505,
3.1691

■ 38.6159, -22.7828,
7.0780

■ 42.8703, -5.5233,
2.6850

■ 38.2685, -24.3658,
8.0929

■ 43.9497, -1.5182,
2.3102

■ 38.0118, -25.5852,
9.1529

■ 45.1302, 2.7326,
2.0446

■ 37.8219, -26.5300,
10.2256

■ 46.4082, 7.1976,
1.8864

■ 37.7856, -26.7111,
10.4328

■ 47.7797, 11.8464,
1.8322

■ 49.2404, 16.6508,
1.8778

■ 50.7860, 21.5854,
2.0181

Harmonies

Analogous

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



40.2639, -12.9585, 10.1721



40.2631, -15.7507, 4.4548



40.2639, -15.1171, -3.0600

Triad

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



40.2639, -15.7512, 4.4553



40.2639, 3.1675, -13.3820



40.2639, 7.7233, 11.6220

Complementary

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



40.2631, -15.7507, 4.4548



31.3619, 14.8232, 1.2968

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.



40.2639, 12.6979, 6.8192



40.2631, -15.7507, 4.4548



40.2639, 9.9333, -7.8539

Square

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



40.2639, -15.7512, 4.4553



40.2639, -4.5735, -14.3421



40.2639, 13.5358, -0.2115



40.2639, 0.3311, 13.7655

Rectangle

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



40.2631, -15.7507, 4.4548



40.2639, -12.8168, -8.0783



40.2639, 13.5358, -0.2115



40.2639, 9.7564, 10.3127

Sweetspot

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



40.2639, -15.7512, 4.4553



56.9264, -9.0590, 3.7880



40.4646, -16.3038, 14.8948



27.1546, -4.5837, 1.8428



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.



40.2639, -15.7512, 4.4553



53.0741, -24.4242, 6.9238



38.4209, -10.1120, -4.4180



21.1926, -2.9403, 1.3536



39.1125, -27.6674, 10.8389



85.3292, -61.0077, 25.0439

Inverse Universe

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



31.3619, 14.8232, 1.2968



38.6541, 25.4679, 2.0332



32.7246, 9.4061, 8.2686



20.0863, 0.8150, 0.9361



21.2475, 37.1321, 7.9531



46.2534, 80.5381, 19.5949

Previews

White Background



This preview shows how the HunterLab color 40.2631, -15.7507, 4.4548 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 40.2631, -15.7507, 4.4548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

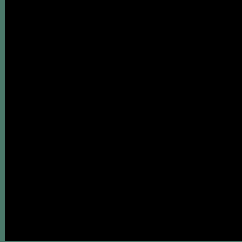
Any Text WCAG AA × Fail

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 40.2631, -15.7507, 4.4548 Background



This preview shows how black text looks on a background with the HunterLab color 40.2631, -15.7507, 4.4548.



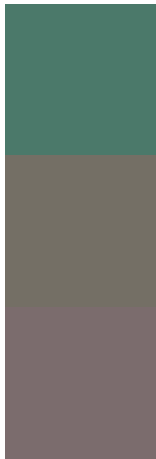
This preview shows how white text looks on a background with the HunterLab color 40.2631,

-15.7507, 4.4548.

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

40.2631, -15.7507, 4.4548

Protanopia

40.0268, -2.1025, 6.3904

Deuteranopia

40.0502, 2.5207, 3.3046



Tritanopia

40.2426, -10.0229, -4.9604

Trichromacy



Original Color

40.2631, -15.7507, 4.4548

Protanomaly

40.0093, -7.7979, 5.5013

Deuteranomaly

39.9464, -4.8639, 3.4722

Tritanomaly

40.1812, -12.2619, -1.2079

Monochromacy



Original Color

40.2631, -15.7507, 4.4548

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.5258, -7.1634, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2631, -15.7507, 4.4548 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(75, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(75, 121, 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(75, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 121, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2631, -15.7507, 4.4548 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(75, 121, 106) }
```


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

```
.border{ border-color:rgb(75, 121, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(75, 121,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2631, -15.7507, 4.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 121, 106) }
```

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

```
.background{ background-color: rgb(75, 121,  
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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