

Converting Colors

HunterLab(41.6440, -15.3954,
-4.1781)

Have a look what the booklet for
HunterLab(41.6440, -15.3954,
-4.1781) contains.

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Color

**HunterLab(41.6440,
-15.3954, -4.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	407D81
RGB	64, 125, 129
RGB Percent	25%, 49%, 51%
CMY	0.7490, 0.5098, 0.4941
CMYK	0.50, 0.03, 0.00, 0.49
HSL	184°, 34%, 38%
HSV	184°, 50%, 51%
XYZ	13.4104, 17.3422, 23.4095
YIQ	107.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

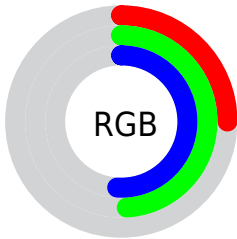
Format	Color
RYB	64, 95, 129
Decimal	4226433
CIELab	48.69, -18.53, -8.28
CIELCh	49, 20.297, 204.080
Yxy	17.3429, 0.2476, 0.3202
Android (android.graphics.Color)	4282416513 (0xFF407D81)
YUV	107.2170, 10.7390, -37.9013
Hunter-Lab	41.6440, -15.3954, -4.1781

Details

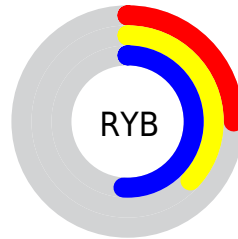
The HunterLab color $41.6440, -15.3954, -4.1781$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30.2851, 18.0009, 9.4798$, and the grayscale version is $38.3983, -2.0488, 2.0863$.

A 20% lighter version of the original color is $62.4501, -18.6800, -3.8621$, and $23.9751, -11.9343, -4.2040$ is the 20% darker color. If you saturate the color by 10%, you get $40.9379, -16.8470, -5.1490$, and if you desaturate by 10%, it is $42.4598, -13.5569, -3.0756$.

Distribution



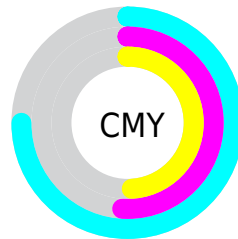
- Red (25%)
- Green (49%)
- Blue (51%)



- Red (25%)
- Yellow (37%)
- Blue (51%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6440, -15.3954, -4.1781 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 41.6440, -15.3954, -4.1781 by changing the saturation by 10% instead.

41.6440, -15.3954,
-4.1781

41.6440, -15.3954,
-4.1781

153.9937,
-29.4087, -1.1689

32.3717, -13.6898,
-4.2420

62.3814, -18.6455,
-3.8525

23.9121, -11.8953,
-4.2301

73.7503, -20.2200,
-3.6047

16.3533, -9.9634,
-4.1305

85.7365, -21.7739,
-3.3064

9.8191, -8.7862,
-3.9317

98.3098, -23.3133,
-2.9613

0.0000, NaN, -NF

0.0000, NaN, NaN

111.4439,
-24.8432, -2.5725

0.0000, NaN, NaN

125.1158,

0.0000, NaN, NaN

-26.3672, -2.1427

0.0000, NaN, NaN

139.3052,
-27.8883, -1.6742

■ 41.6440, -15.3954,
-4.1781

■ 41.6440, -15.3954,
-4.1781

■ 40.9379, -16.8470,
-5.1490

■ 42.4598, -13.5569,
-3.0756

■ 40.3361, -17.9098,
-5.9872

■ 43.3840, -11.3409,
-1.8494

■ 39.8343, -18.5945,
-6.6931

■ 44.4173, -8.7652,
-0.5073

■ 39.4245, -18.9252,
-7.2727

■ 45.5581, -5.8528,
0.9408

■ 39.0839, -19.0367,
-7.7568

■ 46.8039, -2.6301,
2.4844

■ 48.1516, 0.8747,
4.1125

■ 49.5973, 4.6329,
5.8146

■ 51.1369, 8.6164,
7.5806

■ 52.7661, 12.7985,
9.4012

Harmonies

Analogous

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



41.6448, -16.4871, 3.7525



41.6440, -15.3954, -4.1781



41.6448, -10.8951, -11.4576

Triad

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



41.6448, -15.3957, -4.1775



41.6448, 11.0222, -7.2960



41.6448, -0.6209, 14.3830

Complementary

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



41.6440, -15.3954, -4.1781



30.2851, 18.0009, 9.4798

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.



41.6448, 7.2196, 12.4876



41.6440, -15.3954, -4.1781



41.6448, 14.2610, 0.7244

Square

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



41.6448, -15.3957, -4.1775



41.6448, 4.2599, -13.4833



41.6448, 12.8195, 7.8218



41.6448, -8.3346, 13.5641

Rectangle

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



41.6440, -15.3954, -4.1781



41.6448, -6.3726, -14.4621



41.6448, 12.8195, 7.8218



41.6448, 2.0931, 14.0555

Sweetspot

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



41.6448, -15.3957, -4.1775



60.1894, -9.8218, 0.2798



41.4719, -25.2921, 17.4633



28.5091, -4.9951, -0.0277



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.6448, -15.3957, -4.1775



54.6942, -22.7133, -7.0130



32.4779, -1.8012, -17.9340



22.0069, -2.6244, 0.5469



38.5950, -18.8006, -7.6552

0.0000, NaN, NaN

Inverse Universe

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



31.3290, 28.2953, -16.9195



38.7582, 46.2414, -27.6605



37.5556, 3.2541, 15.5402



20.9952, 1.4074, -0.4668

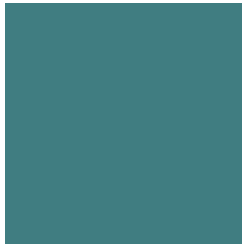


24.2863, 47.1402, -27.3230

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.6440, -15.3954, -4.1781 looks on a white background.

Color Contrast Check

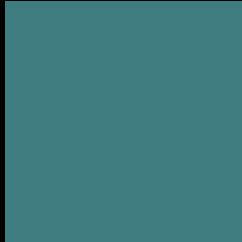
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6440, -15.3954, -4.1781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

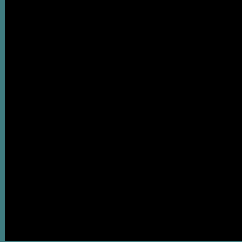
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

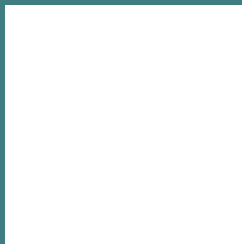
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.6440, -15.3954, -4.1781 Background



This preview shows how black text looks on a background with the HunterLab color 41.6440, -15.3954, -4.1781.



This preview shows how white text looks on a background with the HunterLab color 41.6440, -15.3954, -4.1781.

-15.3954, -4.1781.

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

41.6440, -15.3954, -4.1781

Protanopia

41.3335, -0.6444, -0.9530

Deuteranopia

41.3592, 2.8477, -5.7586



Tritanopia

41.5870, -13.7272, -6.7699

Trichromacy



Original Color

41.6440, -15.3954, -4.1781

Protanomaly

41.1392, -6.8924, -2.7332

Deuteranomaly

41.1800, -4.8999, -5.6268

Tritanomaly

41.4790, -14.2667, -5.8941

Monochromacy



Original Color

41.6440, -15.3954, -4.1781

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.3657, -8.0101, -0.3122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6440, -15.3954, -4.1781 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(64, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(64, 125, 129)  
}
```

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(64, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 125, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6440, -15.3954, -4.1781 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(64, 125, 129) }
```


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

```
.border{ border-color:rgb(64, 125, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 125, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 125, 129);  
box-shadow:4px 4px 4px 4px rgb(64, 125,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6440, -15.3954, -4.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 125, 129) }
```

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

```
.background{ background-color: rgb(64, 125,  
129) }
```

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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