

Converting Colors

HunterLab(15.4640, 28.6508,
-66.9523)

Have a look what the booklet for
HunterLab(15.4640, 28.6508,
-66.9523) contains.

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Color

**HunterLab(15.4640, 28.6508,
-66.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	25137F
RGB	37, 19, 127
RGB Percent	15%, 7%, 50%
CMY	0.8549, 0.9255, 0.5020
CMYK	0.71, 0.85, 0.00, 0.50
HSL	250°, 74%, 29%
HSV	250°, 85%, 50%
XYZ	4.8266, 2.3914, 20.2858
YIQ	36.6940, -23.9400, 37.4040

Conversions

Conversions Part 2

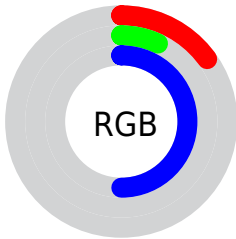
Format	Color
R_{YB}	37, 19, 127
Decimal	2429823
CIE _{Lab}	17.42, 41.11, -56.61
CIE _{LCh}	17, 69.958, 305.985
Yxy	2.3914, 0.1755, 0.0869
Android (android.graphics.Color)	4280619903 (0xFF25137F)
YUV	36.6940, 44.5209, 0.2684
Hunter-Lab	15.4640, 28.6508, -66.9523

Details

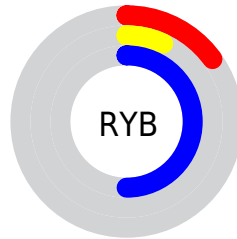
The HunterLab color **15.4640, 28.6508, -66.9523** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.9843, -17.0325, 25.3389**, and the grayscale version is **13.3716, -0.7135, 0.7265**.

A 20% lighter version of the original color is **31.2634, 32.1796, -63.0783**, and **7.3200, 19.8555, -52.0116** is the 20% darker color. If you saturate the color by 10%, you get **13.7631, 32.1500, -77.4530**, and if you desaturate by 10%, it is **17.7975, 24.4051, -55.4953**.

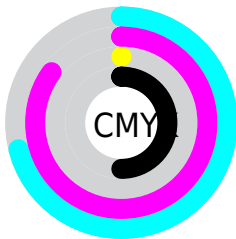
Distribution



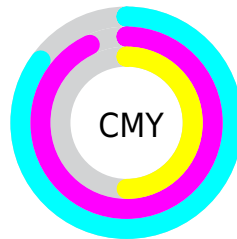
- Red (15%)
- Green (7%)
- Blue (50%)



- Red (15%)
- Yellow (7%)
- Blue (50%)



- Cyan (71%)
- Magenta (85%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (93%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4640, 28.6508, -66.9523 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 15.4640, 28.6508, -66.9523 by changing the saturation by 10% instead.

■ 15.4640, 28.6508,
-66.9523

■ 15.4640, 28.6508,
-66.9523

■ 109.7468, 40.7203,
-66.9435

■ 9.0634, 27.0669,
-74.8831

■ 31.2515, 32.0973,
-63.0446

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.4253, 33.6659,
-62.9350

0.0000, NaN, -NF

■ 50.3542, 35.1112,
-63.2779

0.0000, NaN, -NF

■ 60.9845, 36.4380,
-63.8614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2726, 37.6544,
-64.5726

0.0000, NaN, NaN

■ 84.1823, 38.7685,

0.0000, NaN, NaN

-65.3466

96.6826, 39.7881,
-66.1449

15.4640, 28.6508,
-66.9523

15.4640, 28.6508,
-66.9523

13.7631, 32.1500,
-77.4530

17.7975, 24.4051,
-55.4953

13.0141, 34.0609,
-82.8598

20.6594, 20.0172,
-44.5429

23.9257, 15.8411,
-34.7364

27.5028, 11.9744,
-26.1286

31.3237, 8.4043,
-18.5566

■ 35.3416, 5.0832,
-11.8181

■ 39.5231, 1.9604,
-5.7325

■ 43.8436, -1.0083,
-0.1539

■ 48.2851, -3.8586,
5.0306

Harmonies

Analogous

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



15.4641, 3.3650, -96.5643



15.4640, 28.6508, -66.9523



15.4641, 51.8686, -22.4726

Triad

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



15.4641, 28.6522, -66.9520



15.4641, 18.0074, 10.8249



15.4641, -25.5095, -3.4500

Complementary

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



15.4640, 28.6508, -66.9523



42.9843, -17.0325, 25.3389

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.



15.4641, -23.9106, 10.4057



15.4640, 28.6508, -66.9523



15.4641, -4.6133, 10.8249

Square

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



15.4641, 28.6522, -66.9520



15.4641, 43.8504, 10.8249



15.4641, -17.4870, 10.8249



15.4641, -21.8551, -39.3894

Rectangle

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



15.4640, 28.6508, -66.9523



15.4641, 58.7598, -1.9266



15.4641, -17.4870, 10.8249



15.4641, -25.5686, 3.1773

Sweetspot

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



15.4641, 28.6522, -66.9520



46.4303, 7.4841, -17.1739



35.5077, -14.0398, -11.8932



21.7083, 4.2337, -9.5416



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.



15.4641, 28.6522, -66.9520



17.2794, 45.4713, -111.9313



20.5477, 36.8213, -44.6307



20.5998, 0.0886, -1.1584



13.0677, 34.2044, -83.2258

0.0000, NaN, NaN

Inverse Universe

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



24.6610, 41.8562, -18.8499



31.4933, 59.7701, -24.8961



40.0474, -28.7094, 23.2624



20.9773, 1.3116, -0.2131

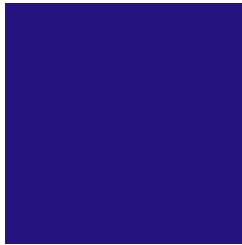


23.6562, 44.9319, -18.9770

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.4640, 28.6508, -66.9523 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 15.4640, 28.6508, -66.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

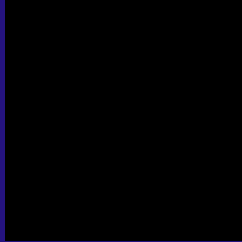
Any Text WCAG AA × Fail

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 15.4640, 28.6508, -66.9523 Background



This preview shows how black text looks on a background with the HunterLab color 15.4640, 28.6508, -66.9523.



This preview shows how white text looks on a background with the HunterLab color 15.4640, 28.6508, -66.9523.

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

15.4640, 28.6508, -66.9523

Protanopia

15.6494, 3.0346, -26.1111

Deuteranopia

15.4873, -1.2523, -16.6545



Tritanopia

15.6351, -7.7460, -2.8212

Trichromacy



Original Color

15.4640, 28.6508, -66.9523

Protanomaly

14.8623, 12.2577, -41.8175

Deuteranomaly

14.7429, 8.8565, -34.3000

Tritanomaly

14.2699, 3.4274, -21.8813

Monochromacy



Original Color

15.4640, 28.6508, -66.9523

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.2818, 8.1073, -17.5399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4640, 28.6508, -66.9523 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(37, 19, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 19, 127)  
}
```

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(37, 19, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 19, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4640, 28.6508, -66.9523 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(37, 19, 127) }
```


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

```
.border{ border-color:rgb(37, 19, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 19, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 19, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 19, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 19,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.4640, 28.6508, -66.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 19, 127) }
```

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

```
.background{ background-color: rgb(37, 19,  
127) }
```

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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