

Converting Colors

HunterLab(15.6490, 12.2635,
-46.0332)

Have a look what the booklet for
HunterLab(15.6490, 12.2635,
-46.0332) contains.

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Color

**HunterLab(15.6490, 12.2635,
-46.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	00256E
RGB	0, 37, 110
RGB Percent	0%, 15%, 43%
CMY	1.0000, 0.8549, 0.5686
CMYK	1.00, 0.66, 0.00, 0.57
HSL	220°, 100%, 22%
HSV	220°, 100%, 43%
XYZ	3.4760, 2.4489, 15.0413
YIQ	34.2590, -45.4850, 14.8590

Conversions

Conversions Part 2

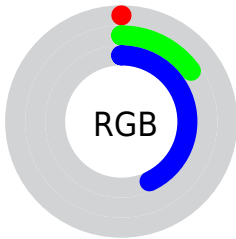
Format	Color
RYB	0, 28, 110
Decimal	9582
CIELab	17.69, 20.77, -45.31
CIELCh	18, 49.842, 294.626
Yxy	2.4490, 0.1658, 0.1168
Android (android.graphics.Color)	4278199662 (0xFF00256E)
YUV	34.2590, 37.3403, -30.0451
Hunter-Lab	15.6490, 12.2635, -46.0332

Details

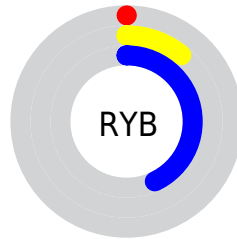
The HunterLab color **15.6490, 12.2635, -46.0332** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.4285, 5.5915, 17.6147**, and the grayscale version is **12.6265, -0.6737, 0.6860**.

A 20% lighter version of the original color is **31.4185, 13.9696, -44.9014**, and **5.8045, 15.7447, -41.2434** is the 20% darker color. If you saturate the color by 10%, you get **15.6473, 12.2679, -46.0406**, and if you desaturate by 10%, it is **17.3805, 9.2735, -39.4507**.

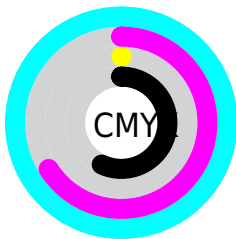
Distribution



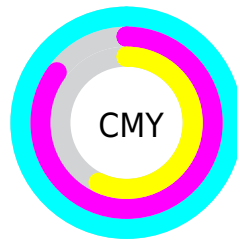
- Red (0%)
- Green (15%)
- Blue (43%)



- Red (0%)
- Yellow (11%)
- Blue (43%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6490, 12.2635, -46.0332 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 15.6490, 12.2635, -46.0332 by changing the saturation by 10% instead.

■ 15.6490, 12.2635,
-46.0332

■ 15.6490, 12.2635,
-46.0332

■ 110.1019, 16.8118,
-49.6196

■ 9.2245, 11.1473,
-49.4713

■ 31.4852, 14.0307,
-45.1289

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.6800, 14.7075,
-45.5548

0.0000, NaN, -NF

■ 50.6282, 15.2720,
-46.1666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.2765, 15.7382,
-46.8579

0.0000, NaN, NaN

■ 72.5816, 16.1172,
-47.5733

0.0000, NaN, NaN

■ 84.5073, 16.4178,

0.0000, NaN, NaN

-48.2823

97.0230, 16.6474,
-48.9678

15.6490, 12.2635,
-46.0332

15.6490, 12.2635,
-46.0332

15.6473, 12.2679,
-46.0406

17.3805, 9.2735,
-39.4507

19.2796, 6.5897,
-33.3707

21.3710, 4.3714,
-27.6813

23.6256, 2.5804,
-22.4176

26.0191, 1.1615,
-17.5622

■ 28.5313, 0.0581,
-13.0736

■ 31.1462, -0.7807,
-8.9032

■ 33.8510, -1.3983,
-5.0035

■ 36.6354, -1.8307,
-1.3317

Harmonies

Analogous

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



15.6492, -3.3151, -53.4686



15.6490, 12.2635, -46.0332



15.6492, 28.2804, -22.9243

Triad

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



15.6492, 12.2645, -46.0328



15.6492, 18.3462, 10.9544



15.6492, -19.9764, 3.0972

Complementary

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



15.6490, 12.2635, -46.0332



28.4285, 5.5915, 17.6147

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.



15.6492, -17.4720, 10.5202



15.6490, 12.2635, -46.0332



15.6492, 1.8081, 10.9544

Square

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



15.6492, 12.2645, -46.0328



15.6492, 32.5814, 8.3786



15.6492, -10.6769, 10.9544



15.6492, -18.7751, -14.3236

Rectangle

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



15.6490, 12.2635, -46.0332



15.6492, 35.2157, -7.7315



15.6492, -10.6769, 10.9544



15.6492, -19.5407, 6.2975

Sweetspot

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



15.6492, 12.2645, -46.0328



40.9898, -0.9561, -12.2328



34.0784, -24.3877, 10.0523



19.2457, -0.3063, -6.7190



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



15.6492, 12.2645, -46.0328



20.2306, 17.5416, -63.1536



11.1389, 29.1762, -71.1462



18.6195, -0.9403, -0.4977



17.0016, 13.8193, -51.0825



35.9876, 35.9725, -122.6358

Inverse Universe

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



18.5710, 32.5190, 6.4250



24.5670, 42.9411, 9.1357



36.7496, -15.0541, 22.3808



18.4887, 0.7262, 0.8438



20.3412, 35.5982, 7.2267



45.2384, 78.8588, 18.4830

Previews

White Background



This preview shows how the HunterLab color 15.6490, 12.2635, -46.0332 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 15.6490, 12.2635, -46.0332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

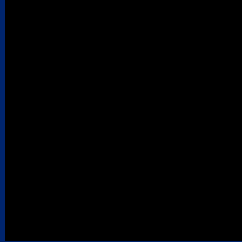
Any Text WCAG AA × Fail

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 15.6490, 12.2635, -46.0332 Background



This preview shows how black text looks on a background with the HunterLab color 15.6490, 12.2635, -46.0332.



This preview shows how white text looks on a background with the HunterLab color 15.6490, 12.2635, -46.0332.

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

15.6490, 12.2635, -46.0332

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.7791, -1.4077, -16.6836



Tritanopia

15.6351, -7.7460, -2.8212

Trichromacy



Original Color

15.6490, 12.2635, -46.0332

Protanomaly

15.7090, 6.5702, -33.8180

Deuteranomaly

15.6494, 3.0346, -26.1111

Tritanomaly

15.3552, -1.9831, -14.9116

Monochromacy



Original Color

15.6490, 12.2635, -46.0332

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.1165, 1.5610, -12.4910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6490, 12.2635, -46.0332 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(0, 37, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 110)  
}
```

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(0, 37, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6490, 12.2635, -46.0332 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(0, 37, 110) }
```


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

```
.border{ border-color:rgb(0, 37, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6490, 12.2635, -46.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 110) }
```

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

```
.background{ background-color: rgb(0, 37,  
110) }
```

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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