

Converting Colors

HunterLab(45.9941, 16.5148,
-46.6431)

Have a look what the booklet for
HunterLab(45.9941, 16.5148,
-46.6431) contains.

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Color

**HunterLab(46.1136, 16.4223,
-46.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	7676CE
RGB	118, 118, 206
RGB Percent	46%, 46%, 81%
CMY	0.5372, 0.5372, 0.1922
CMYK	0.43, 0.43, 0.00, 0.19
HSL	240°, 47%, 64%
HSV	240°, 43%, 81%
XYZ	25.0902, 21.2646, 61.1746
YIQ	128.0320, -28.2480, 27.3680

Conversions

Conversions Part 2

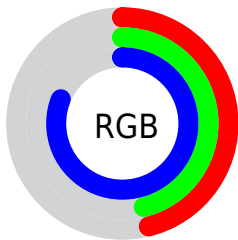
Format	Color
R_{YB}	118, 118, 206
Decimal	7763662
CIE _{Lab}	53.24, 22.30, -45.65
CIE _{LCh}	53, 50.812, 296.038
Yxy	21.2654, 0.2333, 0.1978
Android (android.graphics.Color)	4285953742 (0xFF7676CE)
YUV	128.0320, 38.4382, -8.7981
Hunter-Lab	46.1136, 16.4223, -46.3750

Details

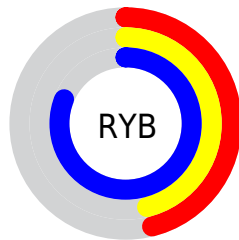
The HunterLab color $46.1136, 16.4223, -46.3750$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $76.5328, -15.4617, 33.6100$, and the grayscale version is $46.3361, -2.4724, 2.5175$.

A 20% lighter version of the original color is $67.0583, 15.4225, -42.0570$, and $27.6974, 14.8546, -45.3468$ is the 20% darker color. If you saturate the color by 10%, you get $39.5522, 22.9646, -62.7590$, and if you desaturate by 10%, it is $53.1614, 10.7108, -32.1794$.

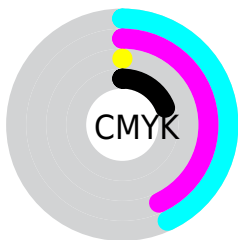
Distribution



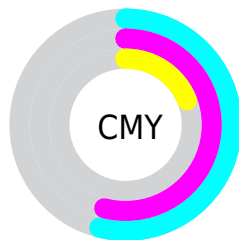
- Red (46%)
- Green (46%)
- Blue (81%)



- Red (46%)
- Yellow (46%)
- Blue (81%)



- Cyan (43%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1136, 16.4223, -46.3750 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 46.1136, 16.4223, -46.3750 by changing the saturation by 10% instead.

■ 46.1136, 16.4223,
-46.3750

■ 46.1136, 16.4223,
-46.3750

160.8371, 18.8858,
-52.1345

■ 36.4940, 15.7350,
-45.8332

■ 67.4750, 17.4879,
-47.7478

■ 27.6550, 14.9248,
-45.5650

■ 79.1289, 17.8886,
-48.4657

■ 19.6737, 13.9728,
-45.8971

■ 91.3857, 18.2128,
-49.1678

■ 12.6547, 12.8598,
-47.6767

104.2171, 18.4672,
-49.8409

■ 5.9879, 15.9341,
-61.8127

117.5986, 18.6572,
-50.4776

0.0000, NaN, -NF

0.0000, NaN, -NF

131.5083, 18.7878,

-51.0733

0.0000, NaN, NaN

145.9269, 18.8628,
-51.6260

0.0000, NaN, NaN

■ 46.1136, 16.4223,
-46.3750

■ 46.1136, 16.4223,
-46.3750

■ 39.5522, 22.9646,
-62.7590

■ 53.1614, 10.7108,
-32.1794

■ 33.6244, 30.4781,
-81.7118

■ 60.5919, 5.6504,
-19.7029

■ 28.5497, 38.8636,
-102.9936

■ 68.3363, 1.0855,
-8.5354

■ 24.6212, 47.3431,
-124.6149

■ 76.3454, -3.1052,
1.6412

■ 22.1350, 54.0711,
-141.8235

■ 84.5830, -7.0125,
11.0653

■ 21.1099, 57.2606,
-149.9939

■ 93.0220, -10.7042,
19.9140

■ 98.6084, -13.0135,
25.4245

Harmonies

Analogous

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



46.1144, -5.1919, -53.7958



46.1136, 16.4223, -46.3750



46.1144, 35.5820, -24.1762

Triad

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



46.1144, 16.4224, -46.3737



46.1144, 22.0519, 24.2184



46.1144, -35.9411, 5.0603

Complementary

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



46.1136, 16.4223, -46.3750



76.5328, -15.4617, 33.6100

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.



46.1144, -31.1472, 19.0971



46.1136, 16.4223, -46.3750



46.1144, 0.3308, 26.6095

Square

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



46.1144, 16.4224, -46.3737



46.1144, 39.2153, 16.2734



46.1144, -18.7264, 25.2686



46.1144, -33.1559, -17.4888

Rectangle

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



46.1136, 16.4223, -46.3750



46.1144, 43.0783, -7.6361



46.1144, -18.7264, 25.2686



46.1144, -35.1891, 10.7725

Sweetspot

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



46.1144, 16.4224, -46.3737



86.5384, 1.6283, -11.4655



72.4230, -26.4679, -3.6408



39.0047, 1.3349, -6.7235

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1144, 16.4224, -46.3737



51.2162, 28.2693, -77.4677



50.0950, 28.2095, -37.7489



32.9303, -0.1604, -2.3439



16.5651, 44.9327, -117.7010



3.7625, 10.2057, -26.7332

Inverse Universe

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



55.2588, 42.4333, -27.8583



65.6768, 66.1206, -43.7781



72.8920, -29.0150, 30.4661



33.7695, 2.6822, -1.2145



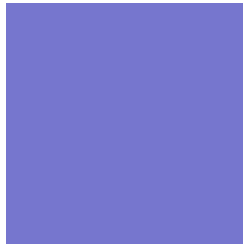
32.8997, 64.6815, -43.3904



7.4726, 14.6913, -9.8554

Previews

White Background



This preview shows how the HunterLab color 46.1136, 16.4223, -46.3750 looks on a white background.

Color Contrast Check

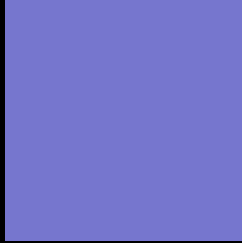
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.1136, 16.4223, -46.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

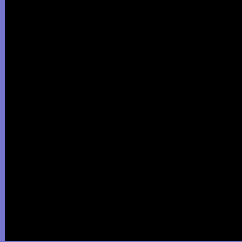
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 46.1136, 16.4223, -46.3750 Background



This preview shows how black text looks on a background with the HunterLab color 46.1136, 16.4223, -46.3750.



This preview shows how white text looks on a background with the HunterLab color 46.1136, 16.4223, -46.3750.

-46.3750.

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

46.1136, 16.4223, -46.3750

Protanopia

46.2525, 9.3867, -51.1799

Deuteranopia

46.1868, 4.0742, -44.8022



Tritanopia

46.1633, -8.5220, -5.0796

Trichromacy



Original Color

46.1136, 16.4223, -46.3750

Protanomaly

46.1941, 11.7420, -49.5883

Deuteranomaly

46.1042, 8.1584, -45.7243

Tritanomaly

45.9566, -0.1915, -18.2284

Monochromacy



Original Color

46.1136, 16.4223, -46.3750

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.9355, 3.2394, -12.2345

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1136, 16.4223, -46.3750 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(118, 118, 206)` looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 206)  
}
```

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(118, 118, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1136, 16.4223, -46.3750 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(118, 118, 206) }
```


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

```
.border{ border-color:rgb(118, 118, 206) }
```

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

Here you see how a box with a 4 pixel rgb(118, 118, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 206);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1136, 16.4223, -46.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 118, 206) }
```

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

```
.background{ background-color: rgb(118,  
118, 206) }
```

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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