

Converting Colors

HunterLab(18.4832, 25.3868,
-77.9052)

Have a look what the booklet for
HunterLab(18.4832, 25.3868,
-77.9052) contains.

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Color

**HunterLab(18.4387, 25.5858,
-78.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	002494
RGB	0, 36, 148
RGB Percent	0%, 14%, 58%
CMY	0.9999, 0.8588, 0.4196
CMYK	1.00, 0.76, 0.00, 0.42
HSL	225°, 100%, 29%
HSV	225°, 100%, 58%
XYZ	5.9762, 3.3999, 28.3582
YIQ	38.0040, -57.4080, 27.2000

Conversions

Conversions Part 2

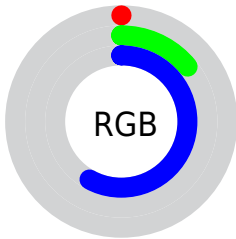
Format	Color
RYB	0, 29, 148
Decimal	9364
CIELab	21.58, 36.85, -62.93
CIELCh	22, 72.925, 300.349
Yxy	3.3999, 0.1584, 0.0901
Android (android.graphics.Color)	4278199444 (0xFF002494)
YUV	38.0040, 54.2280, -33.3295
Hunter-Lab	18.4387, 25.5858, -78.2791

Details

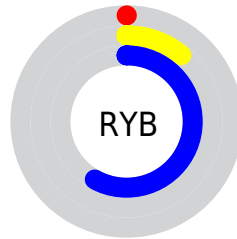
The HunterLab color **18.4387, 25.5858, -78.2791** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **42.2964, 1.9867, 26.0967**, and the grayscale version is **13.7699, -0.7347, 0.7481**.

A 20% lighter version of the original color is **34.8928, 28.7670, -74.0004**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **18.4356, 25.5957, -78.2966**, and if you desaturate by 10%, it is **20.7057, 20.3518, -67.1108**.

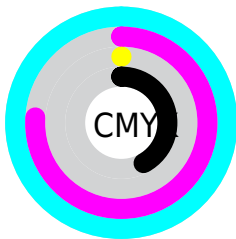
Distribution



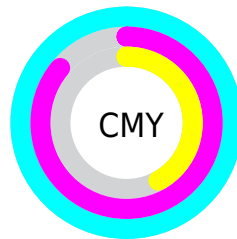
- Red (0%)
- Green (14%)
- Blue (58%)



- Red (0%)
- Yellow (11%)
- Blue (58%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4387, 25.5858, -78.2791 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 18.4387, 25.5858, -78.2791 by changing the saturation by 10% instead.

■ 18.4387, 25.5858,
-78.2791

■ 18.4387, 25.5858,
-78.2791

■ 115.3406, 35.8688,
-77.6589

■ 11.5927, 23.9235,
-85.7582

■ 34.9712, 28.6747,
-73.9987

■ 4.1811, 39.0488,
-153.5223

■ 44.4664, 30.0271,
-73.7387

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.6928, 31.2560,
-73.9840

0.0000, NaN, -NF

■ 65.6015, 32.3709,
-74.5142

0.0000, NaN, NaN

■ 77.1522, 33.3814,
-75.2064

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.3110, 34.2963,

-75.9884

0.0000, NaN, NaN

102.0489, 35.1231,
-76.8154

18.4387, 25.5858,
-78.2791

18.4387, 25.5858,
-78.2791

18.4356, 25.5957,
-78.2966

20.7057, 20.3518,
-67.1108

23.3993, 15.5257,
-56.3001

26.4838, 11.3996,
-46.2037

29.8844, 7.9711,
-37.0309

33.5418, 5.1569,
-28.7656

■ 37.4105, 2.8544,
-21.3005

■ 41.4564, 0.9689,
-14.5070

■ 45.6535, -0.5791,
-8.2642

■ 49.9817, -1.8536,
-2.4686

Harmonies

Analogous

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



18.4388, -0.7271, -101.3969



18.4387, 25.5858, -78.2791



18.4388, 51.9745, -32.0080

Triad

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



18.4388, 25.5877, -78.2789



18.4388, 24.9195, 12.9072



18.4388, -27.5202, 0.7575

Complementary

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



18.4387, 25.5858, -78.2791



42.2964, 1.9867, 26.0967

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.



18.4388, -25.2638, 12.6536



18.4387, 25.5858, -78.2791



18.4388, -1.2412, 12.9072

Square

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



18.4388, 25.5877, -78.2789



18.4388, 51.4780, 12.8263



18.4388, -17.8451, 12.9072



18.4388, -25.1589, -33.0422

Rectangle

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



18.4387, 25.5858, -78.2791



18.4388, 61.8919, -7.0864



18.4388, -17.8451, 12.9072



18.4388, -27.2766, 6.5506

Sweetspot

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



18.4388, 25.5877, -78.2789



54.7313, 1.4270, -19.8019



47.2523, -31.8460, 9.6869



25.1567, 1.1175, -11.0755



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.4388, 25.5877, -78.2789



24.0115, 35.5009, -106.6485



15.9131, 40.6794, -93.8701



24.1835, -0.9339, -0.9763



17.1483, 23.3159, -71.7662



2.7601, 0.5243, -4.5818

Inverse Universe

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



25.3452, 43.9018, 12.4821



33.6303, 58.1912, 17.0939



49.5578, -24.9676, 30.0994



24.1602, 0.9789, 1.3448



23.4312, 40.6067, 11.4191



2.6694, 4.7749, 0.1468

Previews

White Background



This preview shows how the HunterLab color 18.4387, 25.5858, -78.2791 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 18.4387, 25.5858, -78.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

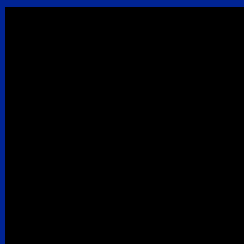
Any Text WCAG AA × Fail

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 18.4387, 25.5858, -78.2791 Background



This preview shows how black text looks on a background with the HunterLab color 18.4387, 25.5858, -78.2791.



This preview shows how white text looks on a background with the HunterLab color 18.4387, 25.5858, -78.2791.

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

18.4387, 25.5858, -78.2791

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.4387, 25.5858, -78.2791

Protanomaly

18.3279, 11.6538, -48.0655

Deuteranomaly

17.8966, 7.9898, -39.6168

Tritanomaly

17.7707, 0.6385, -23.5901

Monochromacy



Original Color

18.4387, 25.5858, -78.2791

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.3784, 4.7989, -20.7775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4387, 25.5858, -78.2791 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, 36, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 148)  
}
```

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, 36, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4387, 25.5858, -78.2791 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, 36, 148) }
```


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

```
.border{ border-color:rgb(0, 36, 148) }
```

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

Here you see how a box with a 4 pixel rgb(0, 36, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4387, 25.5858, -78.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 148) }
```

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

```
.background{ background-color: rgb(0, 36,  
148) }
```

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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