

Converting Colors

HunterLab(24.2232, 48.4283,
-38.1860)

Have a look what the booklet for
HunterLab(24.2232, 48.4283,
-38.1860) contains.

HunterLab(24.2990, 48.5818, -38.3213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.2990, 48.5818,
-38.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0085
RGB	123, 0, 133
RGB Percent	48%, 0%, 52%
CMY	0.5176, 1.0000, 0.4784
CMYK	0.08, 1.00, 0.00, 0.48
HSL	295°, 100%, 26%
HSV	295°, 100%, 52%
XYZ	12.4020, 5.9044, 22.6763
YIQ	51.9390, 30.6150, 67.4390

Conversions

Conversions Part 2

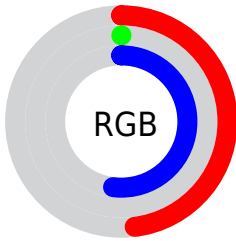
Format	Color
R_{YB}	123, 0, 133
Decimal	8061061
CIE _{Lab}	29.17, 58.90, -40.67
CIE _{LCh}	29, 71.580, 325.377
Yxy	5.9047, 0.3026, 0.1441
Android (android.graphics.Color)	4286251141 (0xFF7B0085)
YUV	51.9390, 39.9631, 62.3205
Hunter-Lab	24.2990, 48.5818, -38.3213

Details

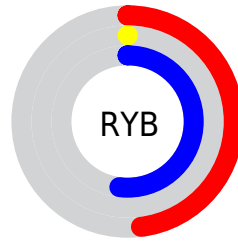
The HunterLab color **24.2990, 48.5818, -38.3213** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **41.0362, -34.7840, 24.6770**, and the grayscale version is **18.3745, -0.9804, 0.9983**.

A 20% lighter version of the original color is **42.0453, 52.9909, -39.4605**, and **13.6909, 27.8956, -25.6451** is the 20% darker color. If you saturate the color by 10%, you get **24.2991, 48.5820, -38.3213**, and if you desaturate by 10%, it is **25.0488, 46.6225, -36.2731**.

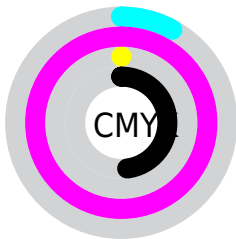
Distribution



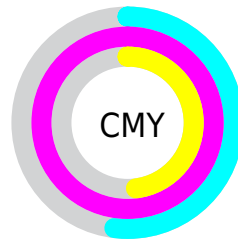
- Red (48%)
- Green (0%)
- Blue (52%)



- Red (48%)
- Yellow (0%)
- Blue (52%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2990, 48.5818, -38.3213 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 24.2990, 48.5818, -38.3213 by changing the saturation by 10% instead.

24.2990, 48.5818,
-38.3213

24.2990, 48.5818,
-38.3213

125.7873, 64.7726,
-43.5155

16.6949, 46.6151,
-38.5717

42.1106, 52.7774,
-39.1999

10.1078, 45.3001,
-40.3571

52.1658, 54.7893,
-39.8520

0.0000, INF, -NF

0.0000, NaN, -NF

62.9141, 56.7036,
-40.5298

0.0000, NaN, NaN

74.3135, 58.5145,
-41.1984

0.0000, NaN, NaN

86.3287, 60.2229,
-41.8392

0.0000, NaN, NaN

0.0000, NaN, NaN

98.9295, 61.8323,

-42.4421

112.0900, 63.3472,
-43.0018

24.2990, 48.5818,
-38.3213

24.2990, 48.5818,
-38.3213

24.2991, 48.5820,
-38.3213

25.0488, 46.6225,
-36.2731

26.1142, 43.6673,
-33.5253

27.6416, 39.4108,
-29.8749

29.6155, 34.1745,
-25.5777

31.9981, 28.3156,
-20.9042

■ 34.7418, 22.1363,
-16.0746

■ 37.7982, 15.8515,
-11.2390

■ 41.1233, 9.5946,
-6.4853

■ 44.6788, 3.4375,
-1.8562

Harmonies

Analogous

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



24.2995, 21.4208, -79.1924



24.2990, 48.5818, -38.3213



24.2995, 62.6597, -2.4279

Triad

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



24.2995, 48.5808, -38.3200



24.2995, 2.4764, 17.0097



24.2995, -30.2446, -25.4755

Complementary

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



24.2990, 48.5818, -38.3213



41.0362, -34.7840, 24.6770

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.



24.2995, -32.0401, 4.5568



24.2990, 48.5818, -38.3213



24.2995, -17.8758, 17.0097

Square

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



24.2995, 48.5808, -38.3200



24.2995, 30.3084, 17.0097



24.2995, -28.5366, 15.3678



24.2995, -22.1116, -67.9791

Rectangle

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



24.2990, 48.5818, -38.3213



24.2995, 59.9207, 10.2241



24.2995, -28.5366, 15.3678



24.2995, -31.4348, -13.1695

Sweetspot

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



24.2995, 48.5808, -38.3200



50.2883, 21.7915, -15.4828



13.9102, 31.5349, -85.4593



23.1589, 11.7712, -8.4436



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



24.2995, 48.5808, -38.3200



32.4710, 64.9469, -51.4143



23.5178, 42.5868, -2.7388



21.7842, 1.4079, -0.7069



23.7184, 47.4191, -37.3912



1.4424, 2.8576, -2.0710

Inverse Universe

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



22.3801, 38.4225, 13.7018



29.9317, 51.3563, 18.5861



41.2978, -32.9930, 19.6044



21.6656, 0.6904, 1.5995



21.8431, 37.5051, 13.3541



1.2990, 2.2570, 0.5887

Previews

White Background



This preview shows how the HunterLab color 24.2990, 48.5818, -38.3213 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 24.2990, 48.5818, -38.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

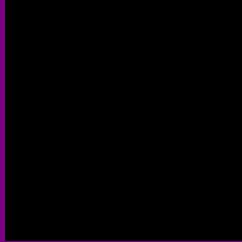
Any Text WCAG AA × Fail

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 24.2990, 48.5818, -38.3213 Background



This preview shows how black text looks on a background with the HunterLab color 24.2990, 48.5818, -38.3213.



This preview shows how white text looks on a background with the HunterLab color 24.2990, 48.5818, -38.3213.

-38.3213.

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

24.2990, 48.5818, -38.3213

Protanopia

25.4694, 7.6876, -48.4299

Deuteranopia

25.5088, 1.4802, -29.3519



Tritanopia

25.1375, 19.0747, 6.9990

Trichromacy



Original Color

24.2990, 48.5818, -38.3213

Protanomaly

20.9467, 22.1684, -59.1408

Deuteranomaly

21.3758, 20.4046, -43.1156

Tritanomaly

23.4728, 31.0154, -6.1792

Monochromacy



Original Color

24.2990, 48.5818, -38.3213

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.1700, 19.0012, -13.8727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2990, 48.5818, -38.3213 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(123, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 133)  
}
```

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(123, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2990, 48.5818, -38.3213 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(123, 0, 133) }
```


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

```
.border{ border-color:rgb(123, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 0,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.2990, 48.5818, -38.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 133) }
```

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

```
.background{ background-color: rgb(123, 0,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor