

Converting Colors

HunterLab(29.4477, 22.6924,
-78.0472)

Have a look what the booklet for
HunterLab(29.4477, 22.6924,
-78.0472) contains.

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Color

**HunterLab(29.5312, 22.6793,
-78.0652)**

Conversions

Conversions Part 1

Format	Color
Hex	2648BD
RGB	38, 72, 189
RGB Percent	15%, 28%, 74%
CMY	0.8509, 0.7176, 0.2588
CMYK	0.80, 0.62, 0.00, 0.26
HSL	226°, 67%, 45%
HSV	226°, 80%, 74%
XYZ	12.3020, 8.7209, 49.1790
YIQ	75.1720, -57.8210, 29.1790

Conversions

Conversions Part 2

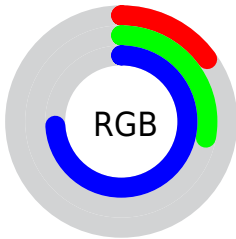
Format	Color
R_{YB}	38, 66, 189
Decimal	2508989
CIE _{Lab}	35.44, 31.19, -64.76
CIE _{LCh}	35, 71.879, 295.718
Yxy	8.7211, 0.1752, 0.1242
Android (android.graphics.Color)	4280699069 (0xFF2648BD)
YUV	75.1720, 56.1172, -32.5998
Hunter-Lab	29.5312, 22.6793, -78.0652

Details

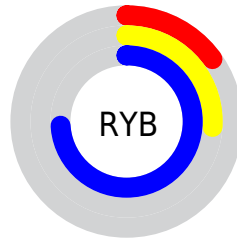
The HunterLab color **29.5312, 22.6793, -78.0652** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **58.6569, -2.0436, 34.2537**, and the grayscale version is **26.4088, -1.4091, 1.4348**.

A 20% lighter version of the original color is **48.3094, 25.0418, -76.8002**, and **16.2781, 23.7902, -71.7026** is the 20% darker color. If you saturate the color by 10%, you get **26.0290, 29.4511, -93.1109**, and if you desaturate by 10%, it is **33.6162, 16.8237, -63.9049**.

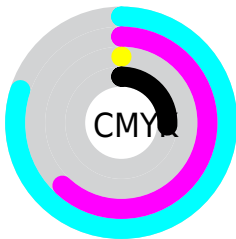
Distribution



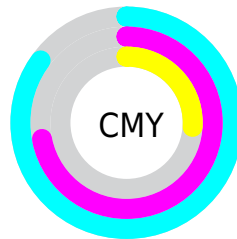
- Red (15%)
- Green (28%)
- Blue (74%)



- Red (15%)
- Yellow (26%)
- Blue (74%)



- Cyan (80%)
- Magenta (62%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (72%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5312, 22.6793, -78.0652 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 29.5312, 22.6793, -78.0652 by changing the saturation by 10% instead.

■ 29.5312, 22.6793,
-78.0652

■ 29.5312, 22.6793,
-78.0652

■ 134.6416, 29.6940,
-81.9324

■ 21.3535, 21.3444,
-80.5537

■ 48.3327, 24.9456,
-76.9895

■ 14.1115, 19.8733,
-86.4109

■ 58.8279, 25.8966,
-77.3004

■ 7.7616, 19.4466,
-104.0153

■ 69.9889, 26.7424,
-77.8679

0.0000, INF, -NF

■ 81.7782, 27.4929,
-78.5837

0.0000, NaN, -NF

■ 94.1639, 28.1566,
-79.3824

0.0000, NaN, -NF

107.1186, 28.7407,

0.0000, NaN, NaN

-80.2231

0.0000, NaN, NaN

120.6182, 29.2514,
-81.0789

■ 29.5312, 22.6793,
-78.0652

■ 29.5312, 22.6793,
-78.0652

■ 26.0290, 29.4511,
-93.1109

■ 33.6162, 16.8237,
-63.9049

■ 23.1994, 36.6608,
-108.1041

■ 38.1667, 11.9338,
-51.0627

■ 23.1707, 36.7400,
-108.2724

■ 43.0905, 7.9088,
-39.5532

■ 48.3181, 4.6044,
-29.2229

■ 53.7976, 1.8832,
-19.8768

■ 59.4904, -0.3702,
-11.3310

■ 65.3671, -2.2481,
-3.4289

■ 71.4050, -3.8226,
3.9567

■ 77.5865, -5.1500,
10.9274

Harmonies

Analogous

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



29.5315, -5.1280, -92.0330



29.5312, 22.6793, -78.0652



29.5315, 50.4307, -38.2322

Triad

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



29.5315, 22.6809, -78.0644



29.5315, 31.1847, 20.4314



29.5315, -36.1522, 4.8631

Complementary

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



29.5312, 22.6793, -78.0652



58.6569, -2.0436, 34.2537

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.



29.5315, -32.0170, 17.6111



29.5312, 22.6793, -78.0652



29.5315, 2.1495, 20.6721

Square

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



29.5315, 22.6809, -78.0644



29.5315, 56.3910, 15.4770



29.5315, -19.8866, 20.6721



29.5315, -33.9034, -26.4094

Rectangle

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



29.5312, 22.6793, -78.0652



29.5315, 62.0303, -12.2655



29.5315, -19.8866, 20.6721



29.5315, -35.5163, 10.9083

Sweetspot

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



29.5315, 22.6809, -78.0644



76.1564, 0.7917, -20.1886



62.5565, -38.6773, 8.9895



34.0617, 0.8770, -11.2723



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



29.5315, 22.6809, -78.0644



31.8816, 46.8556, -139.8885



25.8701, 44.7254, -93.6148



30.9264, -1.1015, -1.4226



19.2587, 29.3106, -87.3448



4.9634, 2.7087, -12.0511

Inverse Universe

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



35.6003, 52.2673, 12.6413



44.6593, 76.0530, 22.6671



65.4983, -30.4270, 38.1661



30.9364, 1.3433, 1.7896



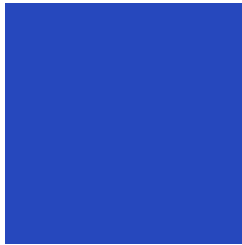
27.2105, 47.0577, 14.0256



5.4793, 9.6590, 1.4052

Previews

White Background



This preview shows how the HunterLab color 29.5312, 22.6793, -78.0652 looks on a white background.

Color Contrast Check

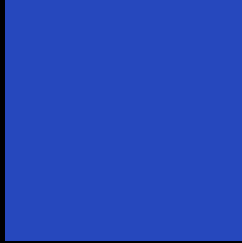
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5312, 22.6793, -78.0652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

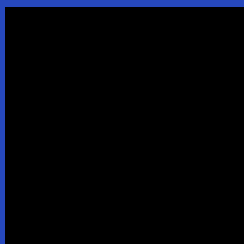
Any Text WCAG AA × Fail

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 29.5312, 22.6793, -78.0652 Background



This preview shows how black text looks on a background with the HunterLab color 29.5312, 22.6793, -78.0652.



This preview shows how white text looks on a background with the HunterLab color 29.5312, 22.6793, -78.0652.

-78.0652.

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

29.5312, 22.6793, -78.0652

Protanopia

29.3290, 9.7187, -57.6386

Deuteranopia

29.2256, -0.0887, -36.3379



Tritanopia

29.2167, -14.2780, -5.6962

Trichromacy



Original Color

29.5312, 22.6793, -78.0652

Protanomaly

29.2159, 14.0713, -65.1060

Deuteranomaly

28.9895, 7.6578, -50.9641

Tritanomaly

28.6863, -3.3686, -26.7632

Monochromacy



Original Color

29.5312, 22.6793, -78.0652

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.8005, 3.6363, -19.9754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5312, 22.6793, -78.0652 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(38, 72, 189)` looks like.

```
.text, #text, p{  
    color:rgb(38, 72, 189)  
}
```

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(38, 72, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 72, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5312, 22.6793, -78.0652 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(38, 72, 189) }
```


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

```
.border{ border-color:rgb(38, 72, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 72, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 72, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 72, 189);  
box-shadow:4px 4px 4px 4px rgb(38, 72,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5312, 22.6793, -78.0652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 72, 189) }
```

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

```
.background{ background-color: rgb(38, 72,  
189) }
```

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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