

Converting Colors

HunterLab(24.8553, 23.5400,
-68.0693)

Have a look what the booklet for
HunterLab(24.8553, 23.5400,
-68.0693) contains.

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Color

**HunterLab(24.9217, 23.2572,
-67.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	2F39A4
RGB	47, 57, 164
RGB Percent	18%, 22%, 64%
CMY	0.8157, 0.7765, 0.3569
CMYK	0.71, 0.65, 0.00, 0.36
HSL	235°, 55%, 41%
HSV	235°, 71%, 64%
XYZ	9.3362, 6.2109, 35.8286
YIQ	66.2080, -40.3070, 31.1570

Conversions

Conversions Part 2

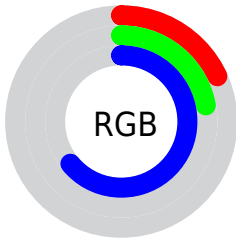
Format	Color
R_{YB}	47, 56, 164
Decimal	3094948
CIE _{Lab}	29.94, 32.69, -58.87
CIE _{LCh}	30, 67.340, 299.043
Yxy	6.2111, 0.1817, 0.1209
Android (android.graphics.Color)	4281285028 (0xFF2F39A4)
YUV	66.2080, 48.2115, -16.8454
Hunter-Lab	24.9217, 23.2572, -67.7930

Details

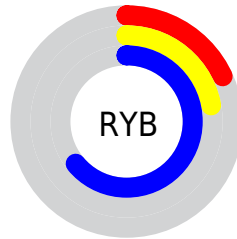
The HunterLab color **24.9217, 23.2572, -67.7930** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **55.8675, -10.2871, 31.3903**, and the grayscale version is **23.2612, -1.2412, 1.2638**.

A 20% lighter version of the original color is **42.8009, 25.9208, -66.9681**, and **12.3218, 22.6862, -64.3742** is the 20% darker color. If you saturate the color by 10%, you get **21.4977, 29.4867, -83.1025**, and if you desaturate by 10%, it is **28.9571, 17.7127, -53.7595**.

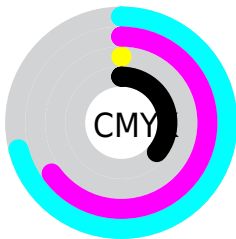
Distribution



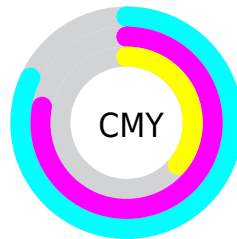
- Red (18%)
- Green (22%)
- Blue (64%)



- Red (18%)
- Yellow (22%)
- Blue (64%)



- Cyan (71%)
- Magenta (65%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9217, 23.2572, -67.7930 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 24.9217, 23.2572, -67.7930 by changing the saturation by 10% instead.

■ 24.9217, 23.2572,
-67.7930

■ 24.9217, 23.2572,
-67.7930

■ 126.8610, 31.2960,
-71.6083

■ 17.2448, 21.7857,
-70.4899

■ 42.8573, 25.7972,
-66.7484

■ 10.5740, 20.2211,
-77.4417

■ 52.9674, 26.8747,
-67.0917

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.7672, 27.8395,
-67.6765

0.0000, NaN, -NF

■ 75.2150, 28.7020,
-68.3927

0.0000, NaN, -NF

■ 87.2762, 29.4715,
-69.1762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.9209, 30.1560,

-69.9881

0.0000, NaN, NaN

113.1234, 30.7622,
-70.8041

■ 24.9217, 23.2572,
-67.7930

■ 24.9217, 23.2572,
-67.7930

■ 21.4977, 29.4867,
-83.1025

■ 28.9571, 17.7127,
-53.7595

■ 18.8660, 35.8368,
-98.1251

■ 33.4567, 12.9480,
-41.3986

■ 17.3049, 40.4565,
-108.9636

■ 38.3153, 8.8745,
-30.5836

■ 43.4591, 5.3595,
-21.0430

■ 48.8360, 2.2811,
-12.5080

■ 54.4088, -0.4589,
-4.7545

■ 60.1502, -2.9364,
2.3930

■ 66.0393, -5.2089,
9.0694

■ 72.0602, -7.3199,
15.3771

Harmonies

Analogous

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



24.9220, -2.0476, -84.4355



24.9217, 23.2572, -67.7930



24.9220, 47.4991, -30.3295

Triad

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



24.9220, 23.2585, -67.7923



24.9220, 24.9670, 17.4454



24.9220, -31.4591, 2.0323

Complementary

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



24.9217, 23.2572, -67.7930



55.8675, -10.2871, 31.3903

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.



24.9220, -28.5844, 14.5794



24.9217, 23.2572, -67.7930



24.9220, -0.6064, 17.4454

Square

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



24.9220, 23.2585, -67.7923



24.9220, 48.7065, 14.1869



24.9220, -19.0059, 17.4454



24.9220, -28.9431, -27.9185

Rectangle

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



24.9217, 23.2572, -67.7930



24.9220, 56.7343, -7.7716



24.9220, -19.0059, 17.4454



24.9220, -31.1160, 7.9639

Sweetspot

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



24.9220, 23.2585, -67.7923



65.7529, 3.0960, -16.9152



54.2516, -28.6742, 0.3216



29.8506, 1.9295, -9.2555



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



24.9220, 23.2585, -67.7923



26.5958, 45.1669, -124.9441



26.6145, 36.0112, -61.2123



26.3680, -0.4706, -1.5309



15.2586, 34.9995, -94.6257



2.7618, 3.2137, -10.3894

Inverse Universe

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



31.9712, 39.3281, 13.2106



39.3055, 61.7408, 21.4452



55.2741, -28.4217, 30.6765



26.6371, 0.9448, 1.9560



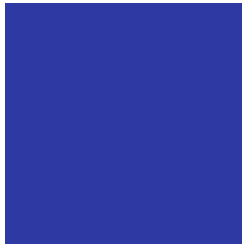
24.6559, 42.3359, 15.0653



3.6125, 6.2789, 1.6174

Previews

White Background



This preview shows how the HunterLab color 24.9217, 23.2572, -67.7930 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 24.9217, 23.2572, -67.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

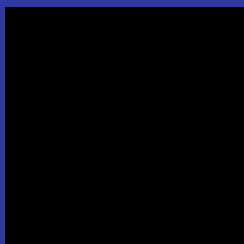
Any Text WCAG AA × Fail

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 24.9217, 23.2572, -67.7930 Background



This preview shows how black text looks on a background with the HunterLab color 24.9217, 23.2572, -67.7930.



This preview shows how white text looks on a background with the HunterLab color 24.9217, 23.2572, -67.7930.

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

24.9217, 23.2572, -67.7930

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.6268, -0.3867, -29.9465



Tritanopia

24.6441, -12.0852, -4.7145

Trichromacy



Original Color

24.9217, 23.2572, -67.7930

Protanomaly

24.5364, 12.7180, -55.4063

Deuteranomaly

24.4304, 7.1190, -43.1755

Tritanomaly

23.8104, -1.5910, -23.5272

Monochromacy



Original Color

24.9217, 23.2572, -67.7930

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.3327, 4.9117, -17.4788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9217, 23.2572, -67.7930 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(47, 57, 164)` looks like.

```
.text, #text, p{  
    color:rgb(47, 57, 164)  
}
```

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(47, 57, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 57, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9217, 23.2572, -67.7930 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(47, 57, 164) }
```


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

```
.border{ border-color:rgb(47, 57, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 57, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 57, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 57, 164);  
box-shadow:4px 4px 4px 4px rgb(47, 57,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.9217, 23.2572, -67.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 57, 164) }
```

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

```
.background{ background-color: rgb(47, 57,  
164) }
```

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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