

Converting Colors

HunterLab(33.2448, 9.0144,
-56.3645)

Have a look what the booklet for
HunterLab(33.2448, 9.0144,
-56.3645) contains.

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Color

**HunterLab(33.2468, 9.0090,
-56.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5BB4
RGB	30, 91, 180
RGB Percent	12%, 36%, 71%
CMY	0.8823, 0.6431, 0.2941
CMYK	0.83, 0.49, 0.00, 0.29
HSL	216°, 71%, 41%
HSV	216°, 83%, 71%
XYZ	12.5147, 11.0535, 44.6540
YIQ	82.9070, -64.9250, 14.7470

Conversions

Conversions Part 2

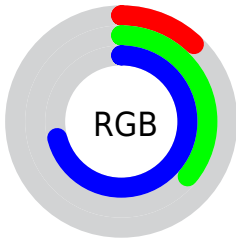
Format	Color
R_{YB}	30, 73, 180
Decimal	1989556
CIE _{Lab}	39.67, 14.41, -52.61
CIE _{LCh}	40, 54.547, 285.320
Yxy	11.0538, 0.1834, 0.1620
Android (android.graphics.Color)	4280179636 (0xFF1E5BB4)
YUV	82.9070, 47.8668, -46.3994
Hunter-Lab	33.2468, 9.0090, -56.3600

Details

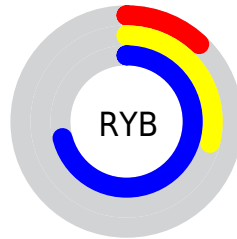
The HunterLab color **33.2468, 9.0090, -56.3600** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **47.9526, 11.5846, 28.2310**, and the grayscale version is **29.2273, -1.5595, 1.5880**.

A 20% lighter version of the original color is **52.8497, 9.4386, -57.1534**, and **18.8133, 12.4522, -50.3958** is the 20% darker color. If you saturate the color by 10%, you get **30.2618, 13.5901, -65.7152**, and if you desaturate by 10%, it is **36.5572, 5.2527, -47.4132**.

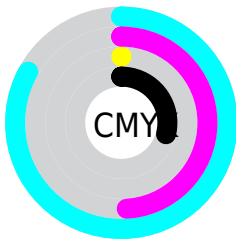
Distribution



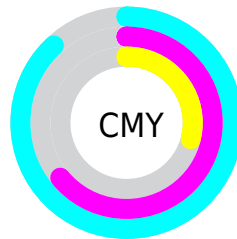
- Red (12%)
- Green (36%)
- Blue (71%)



- Red (12%)
- Yellow (29%)
- Blue (71%)



- Cyan (83%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (64%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2468, 9.0090, -56.3600 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 33.2468, 9.0090, -56.3600 by changing the saturation by 10% instead.

■ 33.2468, 9.0090,
-56.3600

■ 33.2468, 9.0090,
-56.3600

■ 140.7254, 9.3040,
-62.2208

■ 24.7043, 8.5761,
-56.7327

■ 52.6874, 9.5661,
-57.0989

■ 17.0524, 8.0109,
-58.3767

■ 63.4692, 9.7161,
-57.7692

■ 10.4106, 7.2833,
-63.1698

■ 74.9002, 9.7937,
-58.5117

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.9454, 9.8060,
-59.2810

0.0000, NaN, -NF

■ 99.5748, 9.7588,
-60.0502

0.0000, NaN, -NF

■ 112.7627, 9.6569,

0.0000, NaN, NaN

-60.8028

0.0000, NaN, NaN

126.4862, 9.5042,
-61.5284

■ 33.2468, 9.0090,
-56.3600

■ 33.2468, 9.0090,
-56.3600

■ 30.2618, 13.5901,
-65.7152

■ 36.5572, 5.2527,
-47.4132

■ 28.4348, 16.9900,
-72.2175

■ 40.1530, 2.2843,
-38.9781

■ 43.9973, 0.0249,
-31.0777

■ 48.0575, -1.6185,
-23.6884

■ 52.3060, -2.7360,
-16.7630

■ 56.7200, -3.4077,
-10.2459

■ 61.2805, -3.7021,
-4.0818

■ 65.9719, -3.6760,
1.7804

■ 70.7812, -3.3767,
7.3859

Harmonies

Analogous

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



33.2473, -10.9732, -56.6129



33.2468, 9.0090, -56.3600



33.2473, 30.2346, -35.5705

Triad

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



33.2473, 9.0100, -56.3591



33.2473, 29.8252, 18.7309



33.2473, -31.4038, 9.8115

Complementary

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



33.2468, 9.0090, -56.3600



47.9526, 11.5846, 28.2310

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.



33.2473, -24.9445, 18.6275



33.2468, 9.0090, -56.3600



33.2473, 8.5447, 21.3138

Square

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



33.2473, 9.0100, -56.3591



33.2473, 44.0517, 10.0987



33.2473, -11.3408, 21.2923



33.2473, -31.3361, -9.3825

Rectangle

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



33.2468, 9.0090, -56.3600



33.2473, 40.8934, -17.3816



33.2473, -11.3408, 21.2923



33.2473, -30.0060, 13.7500

Sweetspot

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



33.2473, 9.0100, -56.3591



75.1094, -4.4435, -15.6001



58.4938, -41.0331, 18.1078



33.9596, -1.9313, -8.6526



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.2473, 9.0100, -56.3591



37.7226, 24.1998, -99.3903



21.7434, 41.4069, -103.6209



29.6288, -1.7488, -0.7966



24.0170, 13.5924, -59.3612



5.4541, 0.0598, -6.9463

Inverse Universe

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



33.7461, 52.9521, 4.3317



42.9273, 75.4555, 12.6905



64.0366, -21.1967, 37.9497



29.2586, 1.4765, 1.0774



26.6879, 47.0157, 7.0756



4.8560, 8.7840, -0.4896

Previews

White Background



This preview shows how the HunterLab color 33.2468, 9.0090, -56.3600 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 × Fail

Black Background



This preview shows how the HunterLab color 33.2468, 9.0090, -56.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

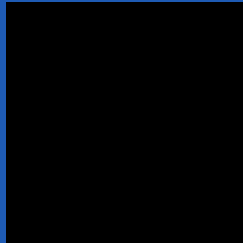
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.2468, 9.0090, -56.3600 Background



This preview shows how black text looks on a background with the HunterLab color 33.2468, 9.0090, -56.3600.



This preview shows how white text looks on a background with the HunterLab color 33.2468, 9.0090,

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

33.2468, 9.0090, -56.3600

Protanopia

33.2554, 10.2268, -55.3645

Deuteranopia

33.0720, 1.3602, -44.2734



Tritanopia

32.9033, -15.9998, -6.5873

Trichromacy



Original Color

33.2468, 9.0090, -56.3600

Protanomaly

33.1347, 9.8497, -55.7226

Deuteranomaly

33.1916, 3.7139, -48.3050

Tritanomaly

32.7782, -8.4975, -21.4123

Monochromacy



Original Color

33.2468, 9.0090, -56.3600

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.0892, -0.9723, -15.2493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2468, 9.0090, -56.3600 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(30, 91, 180)` looks like.

```
.text, #text, p{  
    color:rgb(30, 91, 180)  
}
```

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(30, 91, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 91, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2468, 9.0090, -56.3600 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(30, 91, 180) }
```


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

```
.border{ border-color:rgb(30, 91, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 91, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 91, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 91, 180);  
box-shadow:4px 4px 4px 4px rgb(30, 91,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2468, 9.0090, -56.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 91, 180) }
```

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

```
.background{ background-color: rgb(30, 91,  
180) }
```

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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