

Converting Colors

HunterLab(24.6247, 20.1898,
-59.9697)

Have a look what the booklet for
HunterLab(24.6247, 20.1898,
-59.9697) contains.

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Color

**HunterLab(24.6065, 20.2875,
-60.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	303A9C
RGB	48, 58, 156
RGB Percent	19%, 23%, 61%
CMY	0.8117, 0.7725, 0.3882
CMYK	0.69, 0.63, 0.00, 0.39
HSL	234°, 53%, 40%
HSV	234°, 69%, 61%
XYZ	8.7327, 6.0548, 32.1610
YIQ	66.1820, -37.4180, 28.3580

Conversions

Conversions Part 2

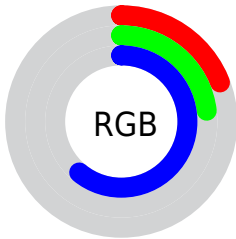
Format	Color
R_{YB}	48, 57, 156
Decimal	3160732
CIE _{Lab}	29.55, 29.28, -54.66
CIE _{LCh}	30, 62.008, 298.179
Yxy	6.0549, 0.1860, 0.1290
Android (android.graphics.Color)	4281350812 (0xFF303A9C)
YUV	66.1820, 44.2803, -15.9456
Hunter-Lab	24.6065, 20.2875, -60.2681




Details

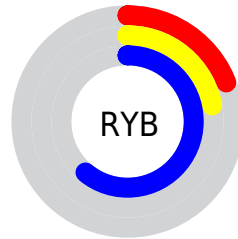
The HunterLab color **24.6065, 20.2875, -60.2681** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **52.7649, -9.3757, 29.2065**, and the grayscale version is **23.2647, -1.2413, 1.2640**.




A 20% lighter version of the original color is **42.4199, 22.5216, -59.6039**, and **11.8337, 20.0047, -57.9757** is the 20% darker color. If you saturate the color by 10%, you get **21.2218, 25.9792, -74.3416**, and if you desaturate by 10%, it is **28.5169, 15.3009, -47.5540**.

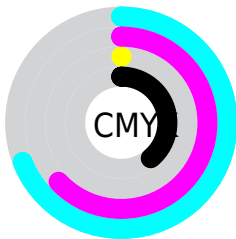
Distribution







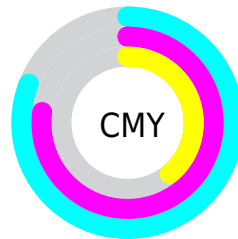
-  Red (19%)
-  Green (23%)
-  Blue (61%)






-  Red (19%)
-  Yellow (22%)
-  Blue (61%)



-  Cyan (69%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (81%)
-  Magenta (77%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6065, 20.2875, -60.2681 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 24.6065, 20.2875, -60.2681 by changing the saturation by 10% instead.

■ 24.6065, 20.2875,
-60.2681

■ 24.6065, 20.2875,
-60.2681

■ 126.3181, 27.1168,
-64.7648

■ 16.9662, 18.9494,
-62.2746

■ 42.4794, 22.5407,
-59.8209

■ 10.3375, 17.4864,
-67.8472

■ 52.5618, 23.4761,
-60.2856

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.3356, 24.3019,
-60.9317

0.0000, NaN, -NF

■ 74.7590, 25.0290,
-61.6694

0.0000, NaN, -NF

■ 86.7970, 25.6667,
-62.4470

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.4195, 26.2230,

-63.2338

0.0000, NaN, NaN

112.6008, 26.7045,
-64.0104

■ 24.6065, 20.2875,
-60.2681

■ 24.6065, 20.2875,
-60.2681

■ 21.2218, 25.9792,
-74.3416

■ 28.5169, 15.3009,
-47.5540

■ 18.5216, 32.0124,
-88.7109

■ 32.8285, 11.0351,
-36.3833

■ 16.6281, 37.3959,
-101.2488

■ 37.4533, 7.3868,
-26.5829

■ 16.5113, 37.7400,
-102.1076

■ 42.3294, 4.2323,
-17.8980

■ 47.4127, 1.4634,
-10.0907

■ 52.6715, -1.0062,
-2.9666

■ 58.0822, -3.2424,
3.6265

■ 63.6267, -5.2954,
9.8048

■ 69.2910, -7.2035,
15.6576

Harmonies

Analogous

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



24.6068, -2.5588, -73.7547



24.6065, 20.2875, -60.2681



24.6068, 42.1212, -27.9060

Triad

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



24.6068, 20.2886, -60.2673



24.6068, 23.2075, 17.2248



24.6068, -29.6824, 2.5055

Complementary

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



24.6065, 20.2875, -60.2681



52.7649, -9.3757, 29.2065

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.



24.6068, -26.7113, 14.0658



24.6065, 20.2875, -60.2681



24.6068, -0.0445, 17.2248

Square

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



24.6068, 20.2886, -60.2673



24.6068, 44.1595, 13.3063



24.6068, -17.3457, 17.2248



24.6068, -27.3750, -23.8774

Rectangle

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



24.6065, 20.2875, -60.2681



24.6068, 50.6026, -7.6829



24.6068, -17.3457, 17.2248



24.6068, -29.2952, 7.8681

Sweetspot

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



24.6068, 20.2886, -60.2673



62.3766, 2.7509, -15.8155



51.4356, -26.7332, 0.2538



28.4396, 1.7260, -8.6518



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



24.6068, 20.2886, -60.2673



26.5000, 39.4194, -110.7940



25.9794, 32.8123, -55.1983



25.5521, -0.4848, -1.4495



15.0681, 33.9219, -92.0614



2.5707, 2.7049, -9.0523

Inverse Universe

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



30.8024, 36.0998, 11.9072



37.7545, 57.2185, 19.4649



52.4292, -26.3594, 28.6821



25.7985, 0.9108, 1.8714



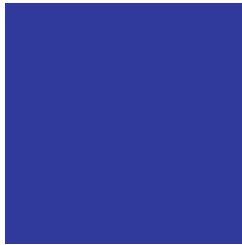
24.1897, 41.5480, 14.6818



3.2741, 5.7018, 1.3811

Previews

White Background



This preview shows how the HunterLab color 24.6065, 20.2875, -60.2681 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 24.6065, 20.2875, -60.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

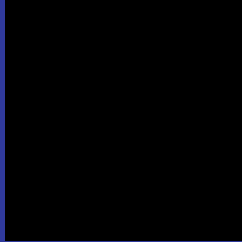
Any Text WCAG AA × Fail

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 24.6065, 20.2875, -60.2681 Background



This preview shows how black text looks on a background with the HunterLab color 24.6065, 20.2875, -60.2681.



This preview shows how white text looks on a background with the HunterLab color 24.6065, 20.2875, -60.2681.

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

24.6065, 20.2875, -60.2681

Protanopia

24.4281, 7.5946, -46.9276

Deuteranopia

24.3138, -0.2174, -29.9208



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

24.6065, 20.2875, -60.2681

Protanomaly

24.2746, 11.4273, -52.2635

Deuteranomaly

23.9517, 6.3951, -40.9599

Tritanomaly

23.7177, -2.1011, -22.2991

Monochromacy



Original Color

24.6065, 20.2875, -60.2681

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.2071, 4.2550, -15.7836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6065, 20.2875, -60.2681 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(48, 58, 156)` looks like.

```
.text, #text, p{  
    color:rgb(48, 58, 156)  
}
```

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(48, 58, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 58, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6065, 20.2875, -60.2681 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(48, 58, 156) }
```


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

```
.border{ border-color:rgb(48, 58, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 58, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 58, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 58, 156);  
box-shadow:4px 4px 4px 4px rgb(48, 58,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.6065, 20.2875, -60.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 58, 156) }
```

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

```
.background{ background-color: rgb(48, 58,  
156) }
```

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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