

Converting Colors

HunterLab(31.3540, 16.7552,
-73.8667)

Have a look what the booklet for
HunterLab(31.3540, 16.7552,
-73.8667) contains.

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Color

**HunterLab(31.4352, 16.4630,
-73.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	0D52BF
RGB	13, 82, 191
RGB Percent	5%, 32%, 75%
CMY	0.9489, 0.6784, 0.2510
CMYK	0.93, 0.57, 0.00, 0.25
HSL	217°, 87%, 40%
HSV	217°, 93%, 75%
XYZ	12.5872, 9.8817, 50.5341
YIQ	73.7950, -76.1130, 19.2710

Conversions

Conversions Part 2

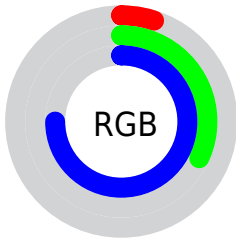
Format	Color
R_{YB}	13, 63, 191
Decimal	873151
CIE _{Lab}	37.63, 23.70, -62.38
CIE _{LCh}	38, 66.733, 290.803
Yxy	9.8819, 0.1724, 0.1354
Android (android.graphics.Color)	4279063231 (0xFF0D52BF)
YUV	73.7950, 57.7821, -53.3172
Hunter-Lab	31.4352, 16.4630, -73.3078

Details

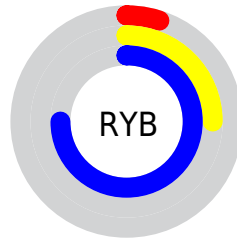
The HunterLab color **31.4352, 16.4630, -73.3078** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **50.0330, 14.2005, 30.6261**, and the grayscale version is **25.9188, -1.3830, 1.4082**.

A 20% lighter version of the original color is **50.6582, 17.7794, -72.4123**, and **17.9683, 19.9095, -65.4377** is the 20% darker color. If you saturate the color by 10%, you get **29.4303, 20.3931, -80.8082**, and if you desaturate by 10%, it is **34.6736, 11.2888, -62.7205**.

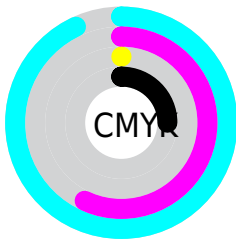
Distribution



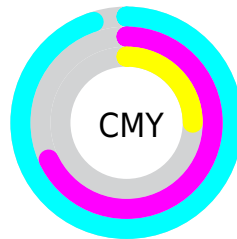
- Red (5%)
- Green (32%)
- Blue (75%)



- Red (5%)
- Yellow (25%)
- Blue (75%)



- Cyan (93%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4352, 16.4630, -73.3078 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 31.4352, 16.4630, -73.3078 by changing the saturation by 10% instead.

■ 31.4352, 16.4630,
-73.3078

■ 31.4352, 16.4630,
-73.3078

■ 137.7779, 20.5276,
-78.0746

■ 23.0668, 15.5069,
-75.0088

■ 50.5700, 17.9912,
-72.8995

■ 15.6098, 14.3960,
-79.2213

■ 61.2145, 18.5916,
-73.3517

■ 9.1905, 13.1448,
-89.8583

■ 72.5160, 19.0996,
-73.9993

0.0000, INF, -NF

■ 84.4383, 19.5245,
-74.7560

0.0000, NaN, -NF

■ 96.9507, 19.8738,
-75.5695

0.0000, NaN, -NF

■ 110.0265, 20.1540,

0.0000, NaN, NaN

-76.4068

0.0000, NaN, NaN

123.6424, 20.3705,
-77.2465

■ 31.4352, 16.4630,
-73.3078

■ 31.4352, 16.4630,
-73.3078

■ 29.4303, 20.3931,
-80.8082

■ 34.6736, 11.2888,
-62.7205

■ 38.2826, 7.0168,
-52.6259

■ 42.2147, 3.6148,
-43.1520

■ 46.4252, 0.9927,
-34.3248

■ 50.8757, -0.9557,
-26.1098

■ 55.5342, -2.3325,
-18.4448

■ 60.3746, -3.2280,
-11.2589

■ 65.3753, -3.7185,
-4.4834

■ 70.5189, -3.8671,
1.9440

Harmonies

Analogous

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



31.4356, -8.7264, -79.9024



31.4352, 16.4630, -73.3078



31.4356, 42.7222, -40.6498

Triad

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



31.4356, 16.4645, -73.3070



31.4356, 33.1624, 20.2693



31.4356, -35.5154, 7.9552

Complementary

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



31.4352, 16.4630, -73.3078



50.0330, 14.2005, 30.6261

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.



31.4356, -30.0636, 18.7400



31.4352, 16.4630, -73.3078



31.4356, 6.0497, 22.0049

Square

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



31.4356, 16.4645, -73.3070



31.4356, 54.2001, 13.6579



31.4356, -16.4588, 21.6758



31.4356, -34.2533, -18.2352

Rectangle

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



31.4352, 16.4630, -73.3078



31.4356, 54.9153, -16.4371



31.4356, -16.4588, 21.6758



31.4356, -34.4883, 13.0017

Sweetspot

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



31.4356, 16.4645, -73.3070



77.3580, -3.7624, -20.0586



62.2086, -45.2332, 20.6616



34.9352, -1.4881, -11.3987



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



31.4356, 16.4645, -73.3070



38.8279, 28.6481, -110.3745



20.8302, 50.1682, -126.5837



31.3295, -1.7741, -0.9227



24.1623, 15.8059, -64.3211



5.9695, 0.6721, -8.9123

Inverse Universe

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



34.6039, 58.8765, 8.6763



45.4749, 79.7283, 15.0350



67.9694, -24.4501, 41.1212



30.9773, 1.5634, 1.2062



27.6026, 48.5014, 8.2933



5.5797, 10.0250, -0.0341

Previews

White Background



This preview shows how the HunterLab color 31.4352, 16.4630, -73.3078 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 31.4352, 16.4630, -73.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

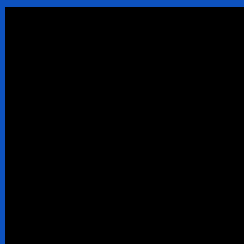
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

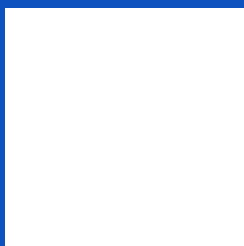
Any Text WCAG AAA × Fail

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

HunterLab 31.4352, 16.4630, -73.3078 Background



This preview shows how black text looks on a background with the HunterLab color 31.4352, 16.4630, -73.3078.



This preview shows how white text looks on a background with the HunterLab color 31.4352, 16.4630, -73.3078.

-73.3078.

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

31.4352, 16.4630, -73.3078

Protanopia

31.2926, 10.7607, -62.3422

Deuteranopia

31.3827, 0.0106, -39.2485



Tritanopia

31.2007, -15.3186, -5.9298

Trichromacy



Original Color

31.4352, 16.4630, -73.3078

Protanomaly

31.3586, 12.7725, -66.1922

Deuteranomaly

31.3670, 5.5442, -50.5989

Tritanomaly

30.7638, -5.4825, -26.0303

Monochromacy



Original Color

31.4352, 16.4630, -73.3078

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.0595, 0.6751, -20.1896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4352, 16.4630, -73.3078 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(13, 82, 191)` looks like.

```
.text, #text, p{  
    color:rgb(13, 82, 191)  
}
```

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(13, 82, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 82, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4352, 16.4630, -73.3078 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(13, 82, 191) }
```


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

```
.border{ border-color:rgb(13, 82, 191) }
```

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

Here you see how a box with a 4 pixel rgb(13, 82, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 82, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 82, 191);  
box-shadow:4px 4px 4px 4px rgb(13, 82,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4352, 16.4630, -73.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 82, 191) }
```

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

```
.background{ background-color: rgb(13, 82,  
191) }
```

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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