

Converting Colors

HunterLab(31.4734, 14.8665,
-63.4987)

Have a look what the booklet for
HunterLab(31.4734, 14.8665,
-63.4987) contains.

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Color

**HunterLab(31.4056, 15.1536,
-63.9328)**

Conversions

Conversions Part 1

Format	Color
Hex	2852B6
RGB	40, 82, 182
RGB Percent	16%, 32%, 71%
CMY	0.8431, 0.6784, 0.2863
CMYK	0.78, 0.55, 0.00, 0.29
HSL	222°, 64%, 44%
HSV	222°, 78%, 71%
XYZ	12.3359, 9.8631, 45.5096
YIQ	80.8420, -57.1320, 22.1960

Conversions

Conversions Part 2

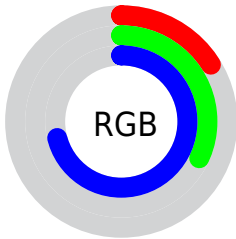
Format	Color
R _{YB}	40, 72, 182
Decimal	2642614
CIE _{Lab}	37.60, 22.14, -57.13
CIE _{LCh}	38, 61.268, 291.181
Y _{xy}	9.8634, 0.1822, 0.1457
Android (android.graphics.Color)	4280832694 (0xFF2852B6)
YUV	80.8420, 49.8709, -35.8184
Hunter-Lab	31.4056, 15.1536, -63.9328

Details

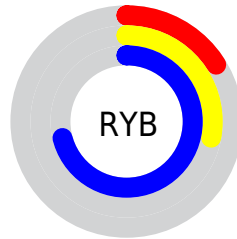
The HunterLab color **31.4056, 15.1536, -63.9328** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **53.7196, 2.5333, 30.9294**, and the grayscale version is **28.4690, -1.5190, 1.5468**.

A 20% lighter version of the original color is **50.5869, 16.4822, -64.2505**, and **17.3481, 17.1962, -58.8051** is the 20% darker color. If you saturate the color by 10%, you get **27.9724, 20.6658, -76.2069**, and if you desaturate by 10%, it is **35.2633, 10.5564, -52.4965**.

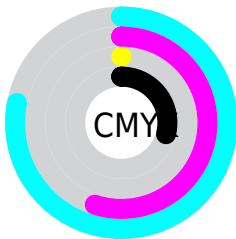
Distribution



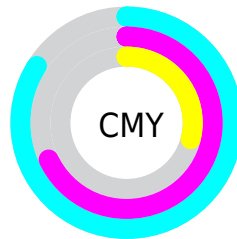
- Red (16%)
- Green (32%)
- Blue (71%)



- Red (16%)
- Yellow (28%)
- Blue (71%)



- Cyan (78%)
- Magenta (55%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (68%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4056, 15.1536, -63.9328 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 31.4056, 15.1536, -63.9328 by changing the saturation by 10% instead.

■ 31.4056, 15.1536,
-63.9328

■ 31.4056, 15.1536,
-63.9328

■ 137.7295, 18.6234,
-69.3484

■ 23.0401, 14.2756,
-64.9666

■ 50.5353, 16.5319,
-64.1295

■ 15.5864, 13.2433,
-67.9392

■ 61.1775, 17.0618,
-64.7063

■ 9.1702, 12.0656,
-75.9269

■ 72.4769, 17.5018,
-65.4149

0.0000, INF, -NF

■ 84.3972, 17.8612,
-66.1895

0.0000, NaN, -NF

■ 96.9077, 18.1474,
-66.9905

0.0000, NaN, -NF

109.9816, 18.3665,

0.0000, NaN, NaN

-67.7935

0.0000, NaN, NaN

123.5958, 18.5237,
-68.5828

■ 31.4056, 15.1536,
-63.9328

■ 31.4056, 15.1536,
-63.9328

■ 27.9724, 20.6658,
-76.2069

■ 35.2633, 10.5564,
-52.4965

■ 25.0290, 26.9506,
-88.9420

■ 39.4707, 6.8162,
-42.0377

■ 24.4931, 28.2248,
-91.5435

■ 43.9681, 3.8198,
-32.5188

■ 48.7086, 1.4443,
-23.8312

■ 53.6555, -0.4208,
-15.8489

■ 58.7805, -1.8679,
-8.4523

■ 64.0614, -2.9718,
-1.5378

■ 69.4804, -3.7920,
4.9817

■ 75.0234, -4.3760,
11.1773

Harmonies

Analogous

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



31.4060, -7.9161, -69.9533



31.4056, 15.1536, -63.9328



31.4060, 38.6478, -35.5327

Triad

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



31.4060, 15.1548, -63.9319



31.4060, 29.5601, 19.6937



31.4060, -33.5499, 7.2850

Complementary

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



31.4056, 15.1536, -63.9328



53.7196, 2.5333, 30.9294

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.



31.4060, -28.3525, 17.9381



31.4056, 15.1536, -63.9328



31.4060, 5.0898, 21.4197

Square

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



31.4060, 15.1548, -63.9319



31.4060, 48.4331, 13.0687



31.4060, -15.5740, 20.9690



31.4060, -32.2373, -16.6311

Rectangle

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



31.4056, 15.1536, -63.9328



31.4060, 49.3659, -14.2799



31.4060, -15.5740, 20.9690



31.4060, -32.5743, 12.1344

Sweetspot

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



31.4060, 15.1548, -63.9319



75.4104, -1.5315, -16.6430



59.8192, -38.1605, 11.8287



34.2782, -0.3707, -9.5370



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



31.4060, 15.1548, -63.9319



34.6091, 34.1918, -115.5300



24.7779, 40.3148, -89.9251



30.2338, -1.3566, -1.1602



20.8303, 23.0148, -75.7183



5.1395, 1.4332, -9.5178

Inverse Universe

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



34.7458, 50.0258, 8.6644



43.5110, 73.9584, 17.7244



63.5929, -26.0633, 36.8568



30.0911, 1.3866, 1.4948



26.8707, 46.7510, 11.6730



5.1552, 9.1810, 0.5978

Previews

White Background



This preview shows how the HunterLab color 31.4056, 15.1536, -63.9328 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 31.4056, 15.1536, -63.9328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

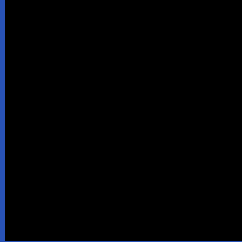
Any Text WCAG AA × Fail

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 31.4056, 15.1536, -63.9328 Background



This preview shows how black text looks on a background with the HunterLab color 31.4056, 15.1536, -63.9328.



This preview shows how white text looks on a background with the HunterLab color 31.4056, 15.1536, -63.9328.

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

31.4056, 15.1536, -63.9328

Deuteranopia

31.1651, 0.7717, -40.6195

Tritanopia

31.2007, -15.3186, -5.9298

Trichromacy



Original Color

31.4056, 15.1536, -63.9328

Deuteranomaly

31.0396, 5.4694, -48.7737

Tritanomaly

30.6949, -6.0947, -23.3588

Monochromacy



Original Color

31.4056, 15.1536, -63.9328

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.8983, 1.6791, -17.3284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4056, 15.1536, -63.9328 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(40, 82, 182)` looks like.

```
.text, #text, p{  
    color:rgb(40, 82, 182)  
}
```

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(40, 82, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 82, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4056, 15.1536, -63.9328 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(40, 82, 182) }
```

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

```
.border{ border-color:rgb(40, 82, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 82, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 82, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 82, 182);  
box-shadow:4px 4px 4px 4px rgb(40, 82,  
182) }
```


Background

The CSS property to change the background color of an element to HunterLab 31.4056, 15.1536, -63.9328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 82, 182) }
```

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

```
.background{ background-color: rgb(40, 82,  
182) }
```

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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