

Converting Colors

HunterLab(31.3383, 13.8590,
-51.5060)

Have a look what the booklet for
HunterLab(31.3383, 13.8590,
-51.5060) contains.

HunterLab(31.4504, 13.6548, -51.1442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.4504, 13.6548,
-51.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	3D52A9
RGB	61, 82, 169
RGB Percent	24%, 32%, 66%
CMY	0.7608, 0.6784, 0.3373
CMYK	0.64, 0.51, 0.00, 0.34
HSL	228°, 47%, 45%
HSV	228°, 64%, 66%
XYZ	12.1032, 9.8913, 38.8075
YIQ	85.6390, -40.4430, 22.6050

Conversions

Conversions Part 2

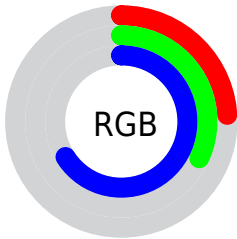
Format	Color
R _Y B	61, 79, 169
Decimal	4018857
CIE Lab	37.65, 20.32, -49.31
CIE LCh	38, 53.328, 292.392
Yxy	9.8916, 0.1991, 0.1627
Android (android.graphics.Color)	4282208937 (0xFF3D52A9)
YUV	85.6390, 41.0970, -21.6084
Hunter-Lab	31.4504, 13.6548, -51.1442

Details

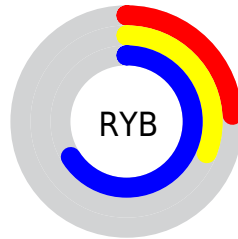
The HunterLab color **31.4504, 13.6548, -51.1442** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **54.7299, -5.1230, 28.8510**, and the grayscale version is **30.2394, -1.6135, 1.6430**.

A 20% lighter version of the original color is **50.5873, 14.9104, -52.0561**, and **16.2702, 13.7162, -49.9456** is the 20% darker color. If you saturate the color by 10%, you get **27.5382, 18.5413, -63.5227**, and if you desaturate by 10%, it is **35.7436, 9.5783, -40.0712**.

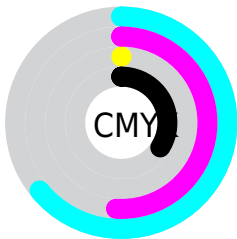
Distribution



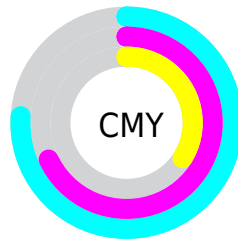
- Red (24%)
- Green (32%)
- Blue (66%)



- Red (24%)
- Yellow (31%)
- Blue (66%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (34%)



- Cyan (76%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4504, 13.6548, -51.1442 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 31.4504, 13.6548, -51.1442 by changing the saturation by 10% instead.

31.4504, 13.6548,
-51.1442

31.4504, 13.6548,
-51.1442

137.8029, 16.4161,
-56.9116

23.0806, 12.8717,
-51.4128

50.5879, 14.8529,
-51.9761

15.6219, 11.9363,
-52.9132

61.2336, 15.2985,
-52.6537

9.2010, 10.8446,
-57.6615

72.5362, 15.6577,
-53.3865

0.0000, INF, -NF

0.0000, NaN, -NF

84.4596, 15.9393,
-54.1337

0.0000, NaN, -NF

96.9730, 16.1505,
-54.8713

0.0000, NaN, NaN

110.0497, 16.2972,

0.0000, NaN, NaN

-55.5854

0.0000, NaN, NaN

123.6666, 16.3843,
-56.2672

■ 31.4504, 13.6548,
-51.1442

■ 31.4504, 13.6548,
-51.1442

■ 27.5382, 18.5413,
-63.5227

■ 35.7436, 9.5783,
-40.0712

■ 24.1063, 24.2659,
-77.0426

■ 40.3404, 6.1923,
-30.2028

■ 21.2788, 30.6168,
-90.9416

■ 45.1857, 3.3689,
-21.3509

■ 19.8602, 34.4629,
-99.2190

■ 50.2383, 0.9949,
-13.3256

■ 55.4676, -1.0211,
-5.9621

■ 60.8506, -2.7511,
0.8740

■ 66.3693, -4.2504,
7.2895

■ 72.0094, -5.5624,
13.3684

■ 77.7597, -6.7205,
19.1768

Harmonies

Analogous

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



31.4509, -6.4195, -56.7795



31.4504, 13.6548, -51.1442



31.4509, 33.2351, -28.1436

Triad

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



31.4509, 13.6555, -51.1433



31.4509, 24.1682, 18.7605



31.4509, -30.5448, 6.0153

Complementary

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



31.4504, 13.6548, -51.1442



54.7299, -5.1230, 28.8510

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.



31.4509, -25.9082, 16.4870



31.4504, 13.6548, -51.1442



31.4509, 3.3582, 20.4274

Square

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



31.4509, 13.6555, -51.1433



31.4509, 40.2494, 12.3670



31.4509, -14.5441, 19.9488



31.4509, -29.0524, -14.8199

Rectangle

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



31.4504, 13.6548, -51.1442



31.4509, 41.8095, -10.8716



31.4509, -14.5441, 19.9488



31.4509, -29.6994, 10.5901

Sweetspot

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



31.4509, 13.6555, -51.1433



70.3971, 0.0475, -13.2393



56.1139, -30.0904, 4.7092



31.9739, 0.3774, -7.4611



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



31.4509, 13.6555, -51.1433



34.7088, 28.1093, -92.9552



29.2421, 30.5359, -57.5537



27.4371, -0.8771, -1.3003



17.3252, 29.1362, -84.5517



3.7153, 1.8053, -8.5410

Inverse Universe

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



35.1886, 37.6127, 8.8912



42.4903, 60.2193, 15.7418



58.3077, -24.6418, 31.0075



27.5050, 1.1135, 1.6846



25.2469, 43.5826, 13.6277



4.0205, 7.1014, 0.9223

Previews

White Background



This preview shows how the HunterLab color 31.4504, 13.6548, -51.1442 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 31.4504, 13.6548, -51.1442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

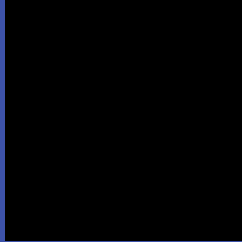
Any Text WCAG AA × Fail

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 31.4504, 13.6548, -51.1442 Background



This preview shows how black text looks on a background with the HunterLab color 31.4504, 13.6548, -51.1442.



This preview shows how white text looks on a background with the HunterLab color 31.4504, 13.6548, -51.1442.

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

31.4504, 13.6548, -51.1442

Protanopia

31.4189, 10.2636, -55.0663

Deuteranopia

31.2745, 1.3615, -42.0296



Tritanopia

31.5237, -13.9961, -5.9565

Trichromacy



Original Color

31.4504, 13.6548, -51.1442

Protanomaly

31.3922, 11.3380, -54.1728

Deuteranomaly

30.9768, 4.9165, -46.2519

Tritanomaly

30.9937, -5.3641, -20.0625

Monochromacy



Original Color

31.4504, 13.6548, -51.1442

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.5544, 1.8039, -13.2033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4504, 13.6548, -51.1442 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(61, 82, 169)` looks like.

```
.text, #text, p{  
    color:rgb(61, 82, 169)  
}
```

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(61, 82, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 82, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4504, 13.6548, -51.1442 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(61, 82, 169) }
```


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

```
.border{ border-color:rgb(61, 82, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 82, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 82, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 82, 169);  
box-shadow:4px 4px 4px 4px rgb(61, 82,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4504, 13.6548, -51.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 82, 169) }
```

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

```
.background{ background-color: rgb(61, 82,  
169) }
```

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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