

Converting Colors

HunterLab(64.6357, -46.2437,
24.6879)

Have a look what the booklet for
HunterLab(64.6357, -46.2437,
24.6879) contains.

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Color

**HunterLab(64.6357,
-46.2437, 24.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	31C571
RGB	49, 197, 113
RGB Percent	19%, 77%, 44%
CMY	0.8078, 0.2274, 0.5569
CMYK	0.75, 0.00, 0.43, 0.23
HSL	146°, 60%, 48%
HSV	146°, 75%, 77%
XYZ	24.2135, 41.7777, 22.4106
YIQ	143.1720, -61.2440, -57.5000

Conversions

Conversions Part 2

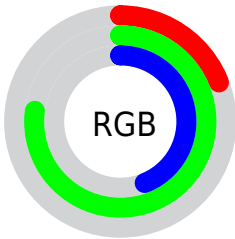
Format	Color
RYB	49, 152, 197
Decimal	3261809
CIELab	70.72, -56.82, 31.43
CIELCh	71, 64.931, 151.052
Yxy	41.7794, 0.2739, 0.4726
Android (android.graphics.Color)	4281451889 (0xFF31C571)
YUV	143.1720, -14.8748, -82.5888
Hunter-Lab	64.6357, -46.2437, 24.6879

Details

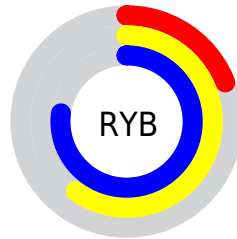
The HunterLab color **64.6357, -46.2437, 24.6879** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **39.7003, 58.0324, -7.6626**, and the grayscale version is **52.5551, -2.8042, 2.8554**.

A 20% lighter version of the original color is **88.3488, -53.6326, 29.2907**, and **44.3902, -35.1783, 20.4561** is the 20% darker color. If you saturate the color by 10%, you get **64.1525, -48.6279, 27.1045**, and if you desaturate by 10%, it is **65.3057, -43.0826, 22.1192**.

Distribution



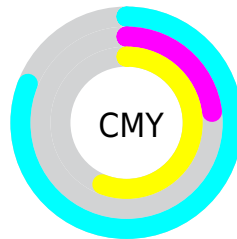
- Red (19%)
- Green (77%)
- Blue (44%)



- Red (19%)
- Yellow (60%)
- Blue (77%)



- Cyan (75%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)





- Cyan (81%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6357, -46.2437, 24.6879 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 64.6357, -46.2437, 24.6879 by changing the saturation by 10% instead.


 64.6357, -46.2437,
24.6879


 64.6357, -46.2437,
24.6879


188.0340,
-76.2392, 44.0572


 53.7853, -42.2906,
22.2628


 88.2415, -53.6192,
29.2918


 43.6198, -38.0984,
19.7233


 100.9306,
-57.1026, 31.5022


 34.1902, -33.5986,
17.0352


 114.1756,
-60.4796, 33.6672

 25.5592, -28.6882,
14.1494

 127.9541,
-63.7663, 35.7954

 17.8091, -23.2174,
11.4670

 142.2462,
-66.9760, 37.8934

 11.0543, -19.3451,
7.7380

157.0340,

 2.8205, -4.9358,

-70.1190, 39.9669

1.9743

172.3015,
-73.2043, 42.0202

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6357, -46.2437,
24.6879

■ 64.6357, -46.2437,
24.6879

■ 64.1525, -48.6279,
27.1045

■ 65.3057, -43.0826,
22.1192

■ 63.8320, -50.2967,
29.3346

■ 66.1726, -39.1157,
19.4319


■ 63.7126, -50.9416,
30.3330


■ 67.2466, -34.3467,
16.6623


■ 68.5327, -28.8032,
13.8463

■ 70.0321, -22.5320,

11.0184

 71.7432, -15.5939,
8.2100

 73.6617, -8.0580,
5.4491

 75.7816, 0.0024,
2.7587

 78.0952, 8.5144,
0.1575

Harmonies

Analogous

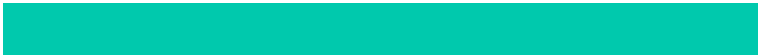
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6370, -30.3679, 34.9136



64.6357, -46.2437, 24.6879



64.6370, -51.2422, 2.5127

Triad

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



64.6370, -46.2444, 24.6884



64.6370, -2.4002, -77.8542



64.6370, 53.1552, 25.7475

Complementary

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



64.6357, -46.2437, 24.6879



39.7003, 58.0324, -7.6626

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.



64.6370, 64.1858, 4.5081



64.6357, -46.2437, 24.6879



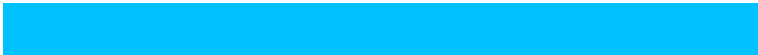
64.6370, 28.7458, -62.5326

Square

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



64.6370, -46.2444, 24.6884



64.6370, -28.8532, -64.4217



64.6370, 54.5431, -28.7139



64.6370, 26.6001, 35.3020

Rectangle

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



64.6357, -46.2437, 24.6879



64.6370, -48.6079, -19.2144



64.6370, 54.5431, -28.7139



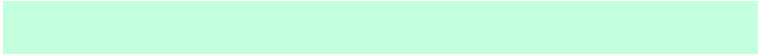
64.6370, 58.9963, 20.1585

Sweetspot

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



64.6370, -46.2444, 24.6884



94.1070, -28.5700, 14.0760



67.3311, -36.7928, 38.2860



43.1738, -14.7193, 7.1534

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6370, -46.2444, 24.6884



85.5612, -66.5781, 38.1718



66.3897, -35.6405, -0.5425



34.5872, -5.3853, 3.1436



51.6865, -41.2167, 24.3714



11.3111, -8.5709, 4.3642

Inverse Universe

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



39.7003, 58.0324, -7.6626



49.3649, 85.6525, -5.7291



37.9581, 51.0275, 17.3126



32.7660, 1.9405, 0.5692



29.3111, 52.8699, -1.7863



6.4895, 11.9062, -1.9518

Previews

White Background



This preview shows how the HunterLab color 64.6357, -46.2437, 24.6879 looks on a white 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

Black Background



This preview shows how the HunterLab color 64.6357, -46.2437, 24.6879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

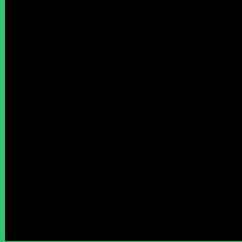
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 64.6357, -46.2437, 24.6879 Background



This preview shows how black text looks on a background with the HunterLab color 64.6357, -46.2437, 24.6879.



This preview shows how white text looks on a background with the HunterLab color 64.6357, -46.2437, 24.6879.

-46.2437, 24.6879.

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

64.6357, -46.2437, 24.6879

Protanopia

64.1683, -6.7557, 27.5655

Deuteranopia

63.8504, 4.6382, 22.6284



Tritanopia

64.6036, -24.1502, -11.8957

Trichromacy



Original Color

64.6357, -46.2437, 24.6879



Protanomaly

62.7914, -26.0404, 25.1017



Deuteranomaly

62.1728, -19.7772, 21.6195



Tritanomaly

64.4528, -33.6991, 4.1416

Monochromacy



Original Color

64.6357, -46.2437, 24.6879



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.7777, -22.1863, 10.7772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6357, -46.2437, 24.6879 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(49, 197, 113)` looks like.

```
.text, #text, p{  
    color:rgb(49, 197, 113)  
}
```

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(49, 197, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 197, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6357, -46.2437, 24.6879 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(49, 197, 113) }
```


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

```
.border{ border-color:rgb(49, 197, 113) }
```

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

Here you see how a box with a 4 pixel rgb(49, 197, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 197, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 197, 113);  
box-shadow:4px 4px 4px 4px rgb(49, 197,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6357, -46.2437, 24.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 197, 113) }
```

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

```
.background{ background-color: rgb(49, 197,  
113) }
```

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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