

Converting Colors

HunterLab(64.4073, -45.7403,
26.1510)

Have a look what the booklet for
HunterLab(64.4073, -45.7403,
26.1510) contains.

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Color

**HunterLab(64.3746,
-45.7231, 26.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC46B
RGB	58, 196, 107
RGB Percent	23%, 77%, 42%
CMY	0.7725, 0.2314, 0.5804
CMYK	0.70, 0.00, 0.45, 0.23
HSL	141°, 54%, 50%
HSV	141°, 70%, 77%
XYZ	24.1387, 41.4409, 20.6366
YIQ	144.5920, -53.6790, -56.9350

Conversions

Conversions Part 2

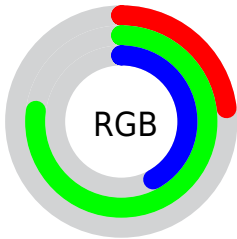
Format	Color
RYB	58, 160, 196
Decimal	3851371
CIELab	70.48, -56.14, 34.23
CIELCh	70, 65.749, 148.630
Yxy	41.4426, 0.2800, 0.4807
Android (android.graphics.Color)	4282041451 (0xFF3AC46B)
YUV	144.5920, -18.5329, -75.9412
Hunter-Lab	64.3746, -45.7231, 26.0556

Details

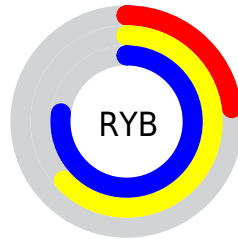
The HunterLab color $64.3746, -45.7231, 26.0556$ is a dark color, and the websafe version is hex $33CC66$. The color can be described as dark muted spring green. A complement of this color would be $41.0721, 56.5297, -13.5511$, and the grayscale version is $53.1366, -2.8352, 2.8870$.

A 20% lighter version of the original color is $88.0677, -53.1551, 30.9462$, and $43.9831, -35.3178, 21.2659$ is the 20% darker color. If you saturate the color by 10%, you get $63.8089, -48.4677, 28.5513$, and if you desaturate by 10%, it is $65.1397, -42.1484, 23.3304$.

Distribution



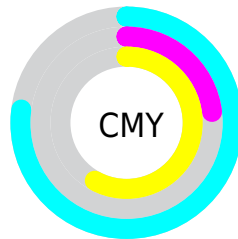
- Red (23%)
- Green (77%)
- Blue (42%)



- Red (23%)
- Yellow (63%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (45%)
- Black (23%)





- Cyan (77%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.3746, -45.7231, 26.0556 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 64.3746, -45.7231, 26.0556 by changing the saturation by 10% instead.


 64.3746, -45.7231,
26.0556


 64.3746, -45.7231,
26.0556


187.6611,
-75.4368, 46.6704


 53.5398, -41.8094,
23.4463


 87.9519, -53.0261,
30.9907


 43.3908, -37.6591,
20.7074


 100.6277,
-56.4759, 33.3517

 33.9791, -33.2040,
17.8015


 113.8600,
-59.8207, 35.6593

 25.3677, -28.3413,
14.6773

 127.6262,
-63.0766, 37.9228

 17.6394, -22.9246,
12.0910

 141.9065,
-66.2566, 40.1501

 10.9096, -19.0919,
7.6367

156.6829,

 2.3169, -4.0546,

-69.3710, 42.3471

1.6218

171.9393,
-72.4287, 44.5191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3746, -45.7231,
26.0556

■ 64.3746, -45.7231,
26.0556

■ 63.8089, -48.4677,
28.5513

■ 65.1397, -42.1484,
23.3304

■ 63.4215, -50.4256,
30.7865

■ 66.1118, -37.7301,
20.4084


■ 63.1811, -51.7079,
32.6517


■ 67.2991, -32.4864,
17.3273


■ 68.7045, -26.4582,
14.1259


■ 70.3276, -19.7036,

10.8427

 72.1650, -12.2926,
7.5141

 74.2111, -4.3015,
4.1729

 76.4587, 4.1920,
0.8478

 78.8990, 13.1125,
-2.4376

Harmonies

Analogous

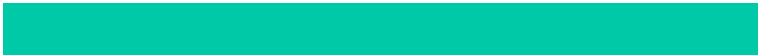
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3759, -28.8546, 35.4915



64.3746, -45.7231, 26.0556



64.3759, -51.6246, 4.8051

Triad

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



64.3759, -45.7239, 26.0560



64.3759, -4.8146, -79.2420



64.3759, 55.5451, 24.6720

Complementary

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



64.3746, -45.7231, 26.0556



41.0721, 56.5297, -13.5511

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.



64.3759, 65.1222, 2.1755



64.3746, -45.7231, 26.0556



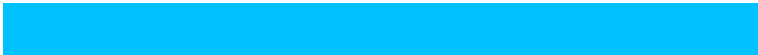
64.3759, 26.6581, -65.8343

Square

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



64.3759, -45.7239, 26.0560



64.3759, -30.8449, -63.3242



64.3759, 53.7087, -32.1858



64.3759, 29.4926, 34.9890

Rectangle

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



64.3746, -45.7231, 26.0556



64.3759, -49.5586, -16.6475



64.3759, 53.7087, -32.1858



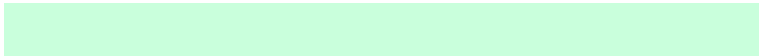
64.3759, 60.9874, 18.7084

Sweetspot

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



64.3759, -45.7239, 26.0560



94.4415, -27.3957, 15.0040



67.8639, -32.8482, 37.7449



43.3994, -13.8865, 7.5179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3759, -45.7239, 26.0560



85.5969, -66.6536, 39.9508



65.9455, -36.2220, 3.3964



33.6401, -5.3371, 3.3302



50.6591, -41.3554, 25.9550



10.5927, -8.2074, 4.4775

Inverse Universe

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



41.0721, 56.5297, -13.5511



51.0729, 85.9211, -16.4993



39.1442, 48.5975, 13.8531



31.9137, 1.9879, 0.2616



29.2100, 53.4174, -7.4374



6.1756, 11.4755, -2.9835

Previews

White Background



This preview shows how the HunterLab color 64.3746, -45.7231, 26.0556 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 64.3746, -45.7231, 26.0556 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 64.3746, -45.7231, 26.0556 Background



This preview shows how black text looks on a background with the HunterLab color 64.3746, -45.7231, 26.0556.



This preview shows how white text looks on a background with the HunterLab color 64.3746,

-45.7231, 26.0556.

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

64.3746, -45.7231, 26.0556

Protanopia

63.7958, -6.6997, 28.4542

Deuteranopia

63.8497, 4.4124, 24.3598



Tritanopia

64.1032, -22.8274, -11.4402

Trichromacy



Original Color

64.3746, -45.7231, 26.0556



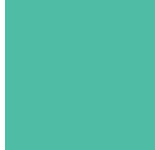
Protanomaly

62.6457, -25.1330, 26.5096



Deuteranomaly

62.3666, -19.2746, 23.5195



Tritanomaly

63.8832, -32.7069, 5.3094

Monochromacy



Original Color

64.3746, -45.7231, 26.0556



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

56.3030, -21.8643, 11.6990

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3746, -45.7231, 26.0556 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(58, 196, 107)` looks like.

```
.text, #text, p{  
    color:rgb(58, 196, 107)  
}
```

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(58, 196, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 196, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3746, -45.7231, 26.0556 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(58, 196, 107) }
```


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

```
.border{ border-color:rgb(58, 196, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 196, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 196, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 196, 107);  
box-shadow:4px 4px 4px 4px rgb(58, 196,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3746, -45.7231, 26.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 196, 107) }
```

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

```
.background{ background-color: rgb(58, 196,  
107) }
```

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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