

Converting Colors

HunterLab(64.0942, -45.1229,
26.0913)

Have a look what the booklet for
HunterLab(64.0942, -45.1229,
26.0913) contains.

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Color

**HunterLab(64.1053,
-45.0694, 26.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC36A
RGB	62, 195, 106
RGB Percent	24%, 76%, 42%
CMY	0.7569, 0.2353, 0.5843
CMYK	0.68, 0.00, 0.46, 0.24
HSL	140°, 53%, 50%
HSV	140°, 68%, 76%
XYZ	24.1032, 41.0949, 20.2974
YIQ	145.0870, -50.6990, -55.8750

Conversions

Conversions Part 2

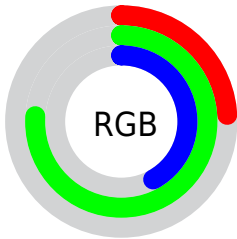
Format	Color
RYB	62, 162, 195
Decimal	4113258
CIELab	70.24, -55.25, 34.44
CIElCh	70, 65.110, 148.061
Yxy	41.0966, 0.2819, 0.4807
Android (android.graphics.Color)	4282303338 (0xFF3EC36A)
YUV	145.0870, -19.2699, -72.8673
Hunter-Lab	64.1053, -45.0694, 26.1010

Details

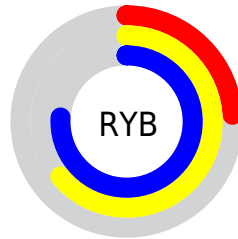
The HunterLab color **64.1053, -45.0694, 26.1010** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **41.5722, 55.2683, -15.1740**, and the grayscale version is **53.3373, -2.8459, 2.8979**.

A 20% lighter version of the original color is **87.7947, -52.4828, 31.3347**, and **43.6368, -35.0826, 21.1911** is the 20% darker color. If you saturate the color by 10%, you get **63.5013, -47.9786, 28.6302**, and if you desaturate by 10%, it is **64.9126, -41.3165, 23.3197**.

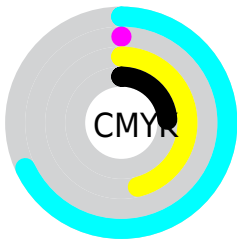
Distribution



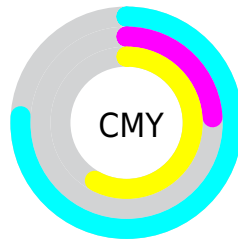
- Red (24%)
- Green (76%)
- Blue (42%)



- Red (24%)
- Yellow (64%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)





- Cyan (76%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1053, -45.0694, 26.1010 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 64.1053, -45.0694, 26.1010 by changing the saturation by 10% instead.


 64.1053, -45.0694,
26.1010


 64.1053, -45.0694,
26.1010


187.2763,
-74.4109, 46.8223


 53.2865, -41.2084,
23.4748


 87.6530, -52.2761,
31.0656


 43.1547, -37.1143,
20.7170


 100.3151,
-55.6813, 33.4398


 33.7615, -32.7196,
17.7899


 113.5342,
-58.9836, 35.7595

 25.1704, -27.9224,
14.6417

 127.2878,
-62.1989, 38.0346

 17.4646, -22.5780,
12.1163

 141.5559,
-65.3398, 40.2726

 10.7608, -18.8315,
7.5326

156.3206,

 1.6420, -2.8734,

-68.4166, 42.4799

1.1494

171.5656,
-71.4380, 44.6617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1053, -45.0694,
26.1010

■ 64.1053, -45.0694,
26.1010

■ 63.5013, -47.9786,
28.6302

■ 64.9126, -41.3165,
23.3197

■ 63.0806, -50.0796,
30.8774

■ 65.9297, -36.7134,
20.3191

■ 62.8155, -51.4786,
32.8147

■ 67.1638, -31.2846,
17.1373

■ 62.7756, -51.6916,
33.1234

■ 68.6170, -25.0760,
13.8142

■ 70.2880, -18.1500,

10.3892

■ 72.1727, -10.5796,
6.9002

■ 74.2652, -2.4428,
3.3812

■ 76.5576, 6.1818,
-0.1378

■ 79.0411, 15.2188,
-3.6318

Harmonies

Analogous

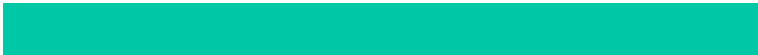
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1066, -28.1535, 35.3136



64.1053, -45.0694, 26.1010



64.1066, -51.1255, 5.3016

Triad

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



64.1066, -45.0702, 26.1014



64.1066, -5.3460, -78.0895



64.1066, 55.2030, 24.1572

Complementary

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



64.1053, -45.0694, 26.1010



41.5722, 55.2683, -15.1740

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.



64.1066, 64.2738, 1.6229



64.1053, -45.0694, 26.1010



64.1066, 25.7356, -65.4084

Square

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



64.1066, -45.0702, 26.1014



64.1066, -30.9418, -61.9109



64.1066, 52.6389, -32.4461



64.1066, 29.6963, 34.6043

Rectangle

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



64.1053, -45.0694, 26.1010



64.1066, -49.2117, -15.7569



64.1066, 52.6389, -32.4461



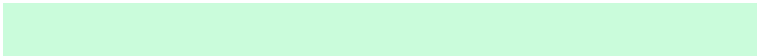
64.1066, 60.4587, 18.1596

Sweetspot

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



64.1066, -45.0702, 26.1014



93.5690, -26.3160, 14.8773



67.9270, -30.8381, 37.3383



43.4812, -13.5766, 7.5792

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1066, -45.0702, 26.1014



84.6670, -65.7625, 39.8877



65.5604, -36.2712, 5.0915



33.6342, -5.3706, 3.4160



50.6221, -41.5862, 26.4994



10.5837, -8.2631, 4.6089

Inverse Universe

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



41.5722, 55.2683, -15.1740



51.1365, 84.7351, -19.5626



39.6562, 47.2931, 11.9788



31.9202, 2.0232, 0.1681



29.3477, 53.9121, -9.3548



6.2004, 11.5640, -3.3241

Previews

White Background



This preview shows how the HunterLab color 64.1053, -45.0694, 26.1010 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 64.1053, -45.0694, 26.1010 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 64.1053, -45.0694, 26.1010 Background



This preview shows how black text looks on a background with the HunterLab color 64.1053, -45.0694, 26.1010.



This preview shows how white text looks on a background with the HunterLab color 64.1053,

-45.0694, 26.1010.

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

64.1053, -45.0694, 26.1010

Protanopia

63.3856, -6.6562, 28.3628

Deuteranopia

63.4403, 4.4422, 24.2912



Tritanopia

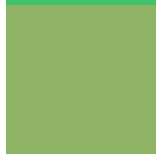
63.8214, -22.2897, -11.2603

Trichromacy



Original Color

64.1053, -45.0694, 26.1010



Protanomaly

62.3787, -24.5305, 26.5484



Deuteranomaly

62.0347, -18.9345, 23.5205



Tritanomaly

63.6215, -32.0653, 5.4681

Monochromacy



Original Color

64.1053, -45.0694, 26.1010



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

56.1052, -20.9871, 11.5127

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1053, -45.0694, 26.1010 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(62, 195, 106)` looks like.

```
.text, #text, p{  
    color:rgb(62, 195, 106)  
}
```

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(62, 195, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 195, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1053, -45.0694, 26.1010 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(62, 195, 106) }
```


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

```
.border{ border-color:rgb(62, 195, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 195, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 195, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 195, 106);  
box-shadow:4px 4px 4px 4px rgb(62, 195,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1053, -45.0694, 26.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 195, 106) }
```

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

```
.background{ background-color: rgb(62, 195,  
106) }
```

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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