

Converting Colors

HunterLab(64.1967, -33.2711,
24.0237)

Have a look what the booklet for
HunterLab(64.1967, -33.2711,
24.0237) contains.

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Color

**HunterLab(64.3009,
-33.4252, 24.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	74BD73
RGB	116, 189, 115
RGB Percent	45%, 74%, 45%
CMY	0.5451, 0.2588, 0.5490
CMYK	0.39, 0.00, 0.39, 0.26
HSL	119°, 36%, 60%
HSV	119°, 39%, 74%
XYZ	28.4946, 41.3461, 22.6985
YIQ	158.7370, -19.7540, -38.4900

Conversions

Conversions Part 2

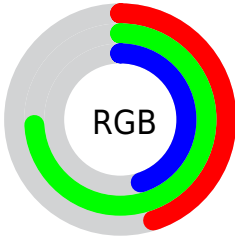
Format	Color
RYB	115, 189, 188
Decimal	7650675
CIELab	70.42, -37.85, 30.41
CIELCh	70, 48.553, 141.223
Yxy	41.3478, 0.3079, 0.4468
Android (android.graphics.Color)	4285840755 (0xFF74BD73)
YUV	158.7370, -21.5623, -37.4803
Hunter-Lab	64.3009, -33.4252, 24.0810

Details

The HunterLab color $64.3009, -33.4252, 24.0810$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $51.6027, 34.4213, -22.9189$, and the grayscale version is $58.8664, -3.1410, 3.1983$.

A 20% lighter version of the original color is $87.9753, -38.6739, 28.5663$, and $43.2960, -27.8037, 19.1337$ is the 20% darker color. If you saturate the color by 10%, you get $63.0906, -38.8785, 27.7727$, and if you desaturate by 10%, it is $65.7548, -27.0367, 19.7398$.

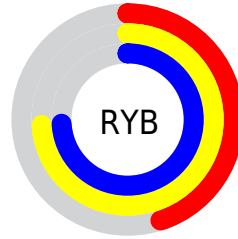
Distribution



Red (45%)

Green (74%)

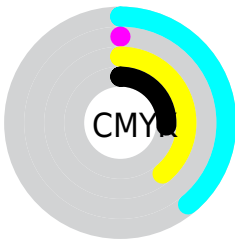
Blue (45%)



Red (45%)

Yellow (74%)

Blue (74%)

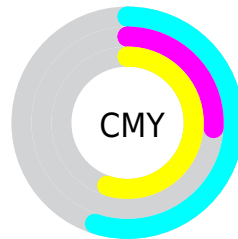


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (26%)



Cyan (55%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3009, -33.4252, 24.0810 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 64.3009, -33.4252, 24.0810 by changing the saturation by 10% instead.

■ 64.3009, -33.4252,
24.0810

■ 64.3009, -33.4252,
24.0810

187.5559,
-55.2086, 43.0132

■ 53.4705, -30.6734,
21.7188

■ 87.8701, -38.6367,
28.5705

■ 43.3262, -27.7848,
19.2468

■ 100.5422,
-41.1317, 30.7284

■ 33.9195, -24.7175,
16.6313

■ 113.7709,
-43.5710, 32.8434

■ 25.3137, -21.4056,
13.8239

127.5337,
-45.9640, 34.9239

■ 17.5915, -17.7416,
11.1837

141.8106,
-48.3186, 36.9763

■ 10.8689, -16.1909,
7.6082

156.5838,

■ 2.1535, -3.7686,

-50.6410, 39.0058

1.5075

171.8371,
-52.9362, 41.0169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3009, -33.4252,
24.0810

■ 64.3009, -33.4252,
24.0810

■ 63.0906, -38.8785,
27.7727

■ 65.7548, -27.0367,
19.7398

■ 62.1172, -43.3435,
30.7802

■ 67.4470, -19.7830,
14.7968

■ 61.3744, -46.8025,
33.0933

■ 69.3740, -11.7537,
9.3132

■ 60.8491, -49.2753,
34.7279


■ 71.5286, -3.0453,
3.3548


■ 60.5216, -50.8265,


■ 73.9012, 6.2451,

35.7319


-3.0114

 60.3548, -51.6201,
36.2415

 76.4814, 16.0242,
-9.7209

 60.3435, -51.6744,
36.2787

 79.2577, 26.2062,
-16.7144

 80.5462, 30.7679,
-19.4699

Harmonies

Analogous

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



64.3023, -18.1599, 31.0014



64.3009, -33.4252, 24.0810



64.3023, -40.3966, 9.3896

Triad

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



64.3023, -33.4263, 24.0815



64.3023, -9.8153, -50.9076



64.3023, 41.3592, 16.5255

Complementary

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



64.3009, -33.4252, 24.0810



51.6027, 34.4213, -22.9189

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.



64.3023, 44.3896, -3.0051



64.3009, -33.4252, 24.0810



64.3023, 12.7482, -46.9827

Square

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



64.3023, -33.4263, 24.0815



64.3023, -28.0301, -36.8534



64.3023, 33.3162, -27.4550



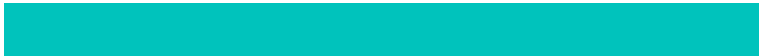
64.3023, 25.5232, 27.7802

Rectangle

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



64.3009, -33.4252, 24.0810



64.3023, -40.1564, -4.9094



64.3023, 33.3162, -27.4550



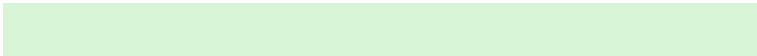
64.3023, 43.9870, 10.9079

Sweetspot

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



64.3023, -33.4263, 24.0815



92.0237, -19.0965, 14.7645



69.2284, -12.8143, 28.5421



42.5161, -9.5118, 7.2950



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



64.3023, -33.4263, 24.0815



84.6391, -51.0851, 36.5289



65.0144, -29.1131, 12.9410



32.6429, -5.6121, 4.4382



49.4991, -42.3740, 29.7593



9.8075, -8.3401, 5.8973

Inverse Universe

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



51.6027, 34.4213, -22.9189



64.4797, 57.2654, -38.5515



50.3876, 28.3273, -4.0377



31.1280, 2.3932, -1.1046



30.8815, 60.8903, -42.0968



6.1292, 12.0763, -8.2858

Previews

White Background



This preview shows how the HunterLab color 64.3009, -33.4252, 24.0810 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 64.3009, -33.4252, 24.0810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

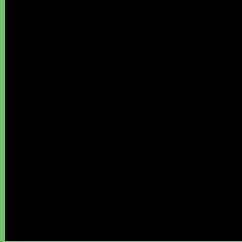
Any Text WCAG AA ✓ Pass

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 64.3009, -33.4252, 24.0810 Background



This preview shows how black text looks on a background with the HunterLab color 64.3009, -33.4252, 24.0810.



This preview shows how white text looks on a background with the HunterLab color 64.3009,

-33.4252, 24.0810.

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

64.3009, -33.4252, 24.0810

Protanopia

63.8540, -6.1797, 26.0650

Deuteranopia

63.8504, 4.6382, 22.6284



Tritanopia

64.3140, -14.2460, -7.6714

Trichromacy



Original Color

64.3009, -33.4252, 24.0810



Protanomaly

63.6911, -17.6075, 24.9382



Deuteranomaly

63.2374, -11.0621, 22.4096



Tritanomaly

64.0462, -21.9778, 6.1265

Monochromacy



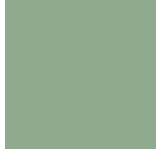
Original Color

64.3009, -33.4252, 24.0810



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

60.4750, -15.3332, 11.5186

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3009, -33.4252, 24.0810 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(116, 189, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 189, 115)  
}
```

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(116, 189, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 189, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3009, -33.4252, 24.0810 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(116, 189, 115) }
```


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

```
.border{ border-color:rgb(116, 189, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 189, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 189,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3009, -33.4252, 24.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 189, 115) }
```

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

```
.background{ background-color: rgb(116,  
189, 115) }
```

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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