

Converting Colors

HunterLab(61.9111, -33.3551,
20.1396)

Have a look what the booklet for
HunterLab(61.9111, -33.3551,
20.1396) contains.

HunterLab(62.0373, -33.5506, 20.3516)	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(62.0373,
-33.5506, 20.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	66B879
RGB	102, 184, 121
RGB Percent	40%, 72%, 47%
CMY	0.6000, 0.2784, 0.5255
CMYK	0.45, 0.00, 0.34, 0.28
HSL	134°, 37%, 56%
HSV	134°, 45%, 72%
XYZ	26.0712, 38.4863, 24.1437
YIQ	152.3000, -28.6490, -36.9770

Conversions

Conversions Part 2

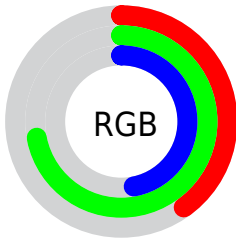
Format	Color
RYB	102, 169, 184
Decimal	6731897
CIELab	68.38, -38.83, 24.43
CIElCh	68, 45.870, 147.826
Yxy	38.4879, 0.2939, 0.4339
Android (android.graphics.Color)	4284921977 (0xFF66B879)
YUV	152.3000, -15.4309, -44.1131
Hunter-Lab	62.0373, -33.5506, 20.3516

Details

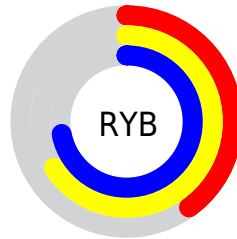
The HunterLab color $62.0373, -33.5506, 20.3516$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $47.3397, 35.2185, -14.7980$, and the grayscale version is $56.2262, -3.0001, 3.0549$.

A 20% lighter version of the original color is $85.5188, -39.0334, 24.2503$, and $41.2765, -27.5851, 16.1450$ is the 20% darker color. If you saturate the color by 10%, you get $60.9981, -38.2457, 23.4329$, and if you desaturate by 10%, it is $63.2910, -28.0517, 16.9878$.

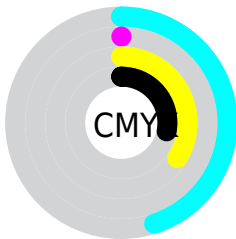
Distribution



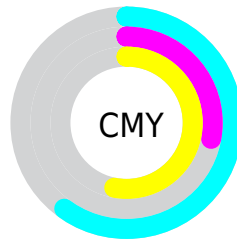
- Red (40%)
- Green (72%)
- Blue (47%)



- Red (40%)
- Yellow (66%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.0373, -33.5506, 20.3516 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 62.0373, -33.5506, 20.3516 by changing the saturation by 10% instead.

■ 62.0373, -33.5506,
20.3516

■ 62.0373, -33.5506,
20.3516

184.3117,
-55.8426, 36.7400

■ 51.3435, -30.7123,
18.3559

■ 85.3553, -38.9077,
24.1750

■ 41.3453, -27.7245,
16.2779

■ 97.9108, -41.4658,
26.0271

■ 32.0964, -24.5398,
14.0887

■ 111.0278,
-43.9634, 27.8515

■ 23.6632, -21.0838,
11.7445

■ 124.6833,
-46.4107, 29.6545

■ 16.1342, -17.2328,
9.4282

138.8569,
-48.8162, 31.4412

■ 9.6345, -16.8603,
6.7441

153.5302,

0.0000, NaN, NaN

-51.1864, 33.2156

0.0000, NaN, NaN

168.6868,
-53.5271, 34.9810

0.0000, NaN, NaN

■ 62.0373, -33.5506,
20.3516

■ 62.0373, -33.5506,
20.3516

■ 60.9981, -38.2457,
23.4329

■ 63.2910, -28.0517,
16.9878

■ 60.1653, -42.1010,
26.1933

■ 64.7558, -21.7996,
13.3810

■ 59.5321, -45.1105,
28.6040

■ 66.4305, -14.8634,
9.5749

■ 59.0850, -47.2989,
30.6442

■ 68.3100, -7.3191,
5.6120

■ 58.8048, -48.7283,
32.3033

■ 70.3876, 0.7537,
1.5325

■ 58.6977, -49.2887,
33.0331

■ 72.6548, 9.2769,
-2.6273

■ 75.1026, 18.1771,
-6.8359

■ 77.7212, 27.3872,
-11.0667

■ 78.9521, 32.2144,
-17.6194

Harmonies

Analogous

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



62.0386, -20.8301, 28.4061



62.0373, -33.5506, 20.3516



62.0386, -38.3041, 4.7968

Triad

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



62.0386, -33.5516, 20.3522



62.0386, -4.8169, -47.6593



62.0386, 35.9797, 18.5856

Complementary

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



62.0373, -33.5506, 20.3516



47.3397, 35.2185, -14.7980

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.



62.0386, 41.7078, 1.9227



62.0373, -33.5506, 20.3516



62.0386, 16.3917, -40.3362

Square

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



62.0386, -33.5516, 20.3522



62.0386, -23.1271, -38.0081



62.0386, 34.1214, -20.3720



62.0386, 19.3483, 27.6463

Rectangle

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



62.0373, -33.5506, 20.3516



62.0386, -36.8558, -9.3757



62.0386, 34.1214, -20.3720



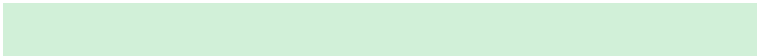
62.0386, 39.3325, 13.8908

Sweetspot

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



62.0386, -33.5516, 20.3522



89.7648, -18.6875, 12.1831



65.8592, -19.5383, 28.9233



41.4333, -9.6754, 6.1919



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



62.0386, -33.5516, 20.3522



82.2117, -51.0990, 31.2807



62.9860, -27.9455, 6.6830



31.7700, -5.1806, 3.5450



48.7379, -40.8578, 27.2822



9.2039, -7.3399, 4.3406

Inverse Universe

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



47.3397, 35.2185, -14.7980



59.0537, 57.9648, -23.9862



46.0222, 28.9770, 3.7689



30.2096, 2.0224, -0.1908



28.9262, 54.1836, -17.3285



5.5117, 10.4587, -4.3435

Previews

White Background



This preview shows how the HunterLab color 62.0373, -33.5506, 20.3516 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 62.0373, -33.5506, 20.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

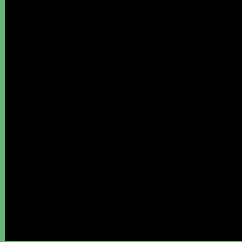
Any Text WCAG AA ✓ Pass

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 62.0373, -33.5506, 20.3516 Background



This preview shows how black text looks on a background with the HunterLab color 62.0373, -33.5506, 20.3516.



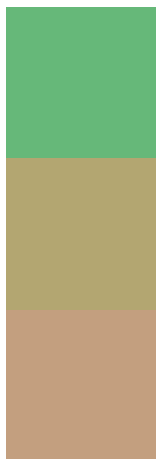
This preview shows how white text looks on a background with the HunterLab color 62.0373,

-33.5506, 20.3516.

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

62.0373, -33.5506, 20.3516

Protanopia

61.6834, -6.0628, 22.8863

Deuteranopia

61.5879, 4.4855, 18.6992



Tritanopia

62.0889, -16.2107, -8.5441

Trichromacy



Original Color

62.0373, -33.5506, 20.3516

Protanomaly

61.4226, -17.8120, 21.5872

Deuteranomaly

60.8794, -11.5347, 18.4162

Tritanomaly

61.9690, -23.2018, 3.7204

Monochromacy



Original Color

62.0373, -33.5506, 20.3516

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

57.9157, -15.3177, 9.6220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.0373, -33.5506, 20.3516 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(102, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(102, 184, 121)  
}
```

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(102, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 184, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 62.0373, -33.5506, 20.3516 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(102, 184, 121) }
```


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

```
.border{ border-color:rgb(102, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(102, 184,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.0373, -33.5506, 20.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 184, 121) }
```

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

```
.background{ background-color: rgb(102,  
184, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor