

Converting Colors

HunterLab(63.9009, -33.0992,
22.3088)

Have a look what the booklet for
HunterLab(63.9009, -33.0992,
22.3088) contains.

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Color

**HunterLab(63.9009,
-33.0992, 22.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	71BC78
RGB	113, 188, 120
RGB Percent	44%, 74%, 47%
CMY	0.5569, 0.2627, 0.5294
CMYK	0.40, 0.00, 0.36, 0.26
HSL	126°, 36%, 59%
HSV	126°, 40%, 74%
XYZ	28.1835, 40.8333, 24.1655
YIQ	157.8230, -22.8720, -37.0480

Conversions

Conversions Part 2

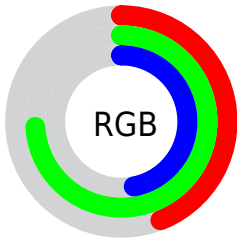
Format	Color
RYB	113, 182, 188
Decimal	7453816
CIELab	70.06, -37.53, 27.29
CIELCh	70, 46.399, 143.977
Yxy	40.8350, 0.3025, 0.4382
Android (android.graphics.Color)	4285643896 (0xFF71BC78)
YUV	157.8230, -18.6467, -39.3098
Hunter-Lab	63.9009, -33.0992, 22.3088

Details

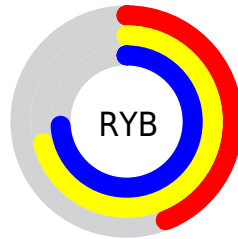
The HunterLab color **63.9009, -33.0992, 22.3088** is a dark color, and the websafe version is hex **66CC99**, and the color name is **iguana green**. A complement of this color would be **50.8317, 33.9008, -19.0762**, and the grayscale version is **58.4827, -3.1205, 3.1775**.

A 20% lighter version of the original color is **87.5481, -38.3314, 26.5014**, and **42.9359, -27.4693, 17.7442** is the 20% darker color. If you saturate the color by 10%, you get **62.7190, -38.4177, 25.8550**, and if you desaturate by 10%, it is **65.3185, -26.8932, 18.2793**.

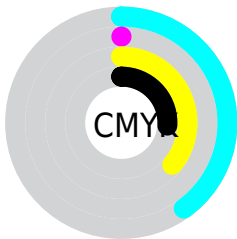
Distribution



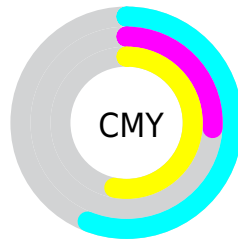
- Red (44%)
- Green (74%)
- Blue (47%)



- Red (44%)
- Yellow (71%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)





- Cyan (56%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.9009, -33.0992, 22.3088 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 63.9009, -33.0992, 22.3088 by changing the saturation by 10% instead.


 63.9009, -33.0992,
22.3088

 63.9009, -33.0992,
22.3088


186.9841,
-54.7604, 39.8933


 53.0944, -30.3631,
20.1435


 87.4261, -38.2805,
26.4427

 42.9756, -27.4908,
17.8841


 100.0778,
-40.7612, 28.4381

 33.5965, -24.4401,
15.5003


 113.2869,
-43.1865, 30.3990

 25.0208, -21.1447,
12.9466

127.0309,
-45.5662, 32.3328

 17.3322, -17.4961,
10.3870

141.2897,
-47.9077, 34.2449

 10.6482, -16.2464,
7.4538

156.0454,

 0.8159, -1.4279,

-50.2173, 36.1400

0.5712

171.2818,
-52.5002, 38.0217

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9009, -33.0992,
22.3088

■ 63.9009, -33.0992,
22.3088

■ 62.7190, -38.4177,
25.8550

■ 65.3185, -26.8932,
18.2793

■ 61.7661, -42.7978,
28.8776

■ 66.9668, -19.8659,
13.8136

■ 61.0362, -46.2218,
31.3531

■ 68.8427, -12.1019,
8.9672

■ 60.5166, -48.7061,
33.2752


■ 70.9394, -3.6919,
3.7968


■ 60.1885, -50.3086,


■ 73.2480, 5.2721,


34.6579


-1.6417

 60.0101, -51.1986,
35.5276

 75.7586, 14.7020,
-7.2963

 60.0086, -51.2062,
35.5340

 78.4604, 24.5164,
-13.1205

 80.2795, 31.3281,
-19.8557

Harmonies

Analogous

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



63.9022, -19.1194, 29.6982



63.9009, -33.0992, 22.3088



63.9022, -39.0474, 7.4073

Triad

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



63.9022, -33.1003, 22.3094



63.9022, -7.6260, -48.2180



63.9022, 38.1695, 17.2913

Complementary

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



63.9009, -33.0992, 22.3088



50.8317, 33.9008, -19.0762

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.



63.9022, 42.2867, -0.7170



63.9009, -33.0992, 22.3088



63.9022, 13.9739, -42.9484

Square

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



63.9022, -33.1003, 22.3094



63.9022, -25.6222, -36.4056



63.9022, 32.9315, -23.7241



63.9022, 22.3161, 27.5298

Rectangle

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



63.9009, -33.0992, 22.3088



63.9022, -38.2935, -6.5929



63.9022, 32.9315, -23.7241



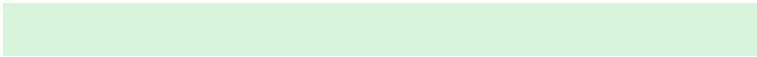
63.9022, 41.0511, 12.1376

Sweetspot

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



63.9022, -33.1003, 22.3094



92.0684, -18.7794, 13.6151



68.6115, -15.4910, 28.5064



42.5387, -9.3510, 6.7134



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.



63.9022, -33.1003, 22.3094



84.5939, -50.9860, 34.3109



64.7339, -28.1925, 10.2807



32.6553, -5.5243, 4.1186



49.5193, -42.2191, 29.2441



9.8258, -8.1982, 5.4162

Inverse Universe

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



50.8317, 33.9008, -19.0762



63.6888, 56.8213, -32.1080



49.5214, 27.5951, -0.7136



31.1135, 2.2938, -0.7304



30.4513, 58.6953, -31.0706



6.0643, 11.7476, -6.6420

Previews

White Background



This preview shows how the HunterLab color 63.9009, -33.0992, 22.3088 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 63.9009, -33.0992, 22.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

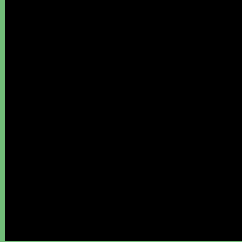
Any Text WCAG AA ✓ Pass

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 63.9009, -33.0992, 22.3088 Background



This preview shows how black text looks on a background with the HunterLab color 63.9009, -33.0992, 22.3088.



This preview shows how white text looks on a background with the HunterLab color 63.9009,

-33.0992, 22.3088.

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

63.9009, -33.0992, 22.3088

Protanopia

63.4476, -5.9185, 24.3935

Deuteranopia

63.3390, 4.5622, 20.6322



Tritanopia

63.7806, -14.6487, -7.8550

Trichromacy



Original Color

63.9009, -33.0992, 22.3088

Protanomaly

63.3057, -17.2499, 23.2318

Deuteranomaly

62.7657, -11.0061, 20.4704

Tritanomaly

63.5767, -22.0349, 5.1460

Monochromacy



Original Color

63.9009, -33.0992, 22.3088

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

60.1168, -15.0075, 10.7583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9009, -33.0992, 22.3088 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(113, 188, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 188, 120)  
}
```

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(113, 188, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 188, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9009, -33.0992, 22.3088 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(113, 188, 120) }
```


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

```
.border{ border-color:rgb(113, 188, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 188, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 188, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 188, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 188,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9009, -33.0992, 22.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 188, 120) }
```

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

```
.background{ background-color: rgb(113,  
188, 120) }
```

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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