

Converting Colors

HunterLab(66.8165, -20.2276,
-0.5284)

Have a look what the booklet for
HunterLab(66.8165, -20.2276,
-0.5284) contains.

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Color

**HunterLab(66.7888,
-20.3627, -0.4401)**

Conversions

Conversions Part 1

Format	Color
Hex	81BDBA
RGB	129, 189, 186
RGB Percent	51%, 74%, 73%
CMY	0.4941, 0.2588, 0.2706
CMYK	0.32, 0.00, 0.02, 0.26
HSL	177°, 31%, 62%
HSV	177°, 32%, 74%
XYZ	36.1137, 44.6074, 53.1610
YIQ	170.7180, -34.7970, -13.6530

Conversions

Conversions Part 2

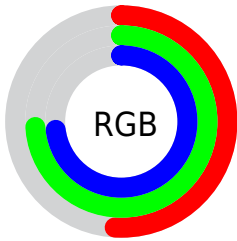
Format	Color
RYB	129, 160, 189
Decimal	8502714
CIELab	72.63, -19.89, -4.67
CIElCh	73, 20.435, 193.210
Yxy	44.6092, 0.2697, 0.3332
Android (android.graphics.Color)	4286692794 (0xFF81BDBA)
YUV	170.7180, 7.5340, -36.5867
Hunter-Lab	66.7888, -20.3627, -0.4401

Details

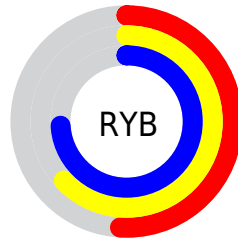
The HunterLab color $66.7888, -20.3627, -0.4401$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $53.0910, 18.0516, 8.6498$, and the grayscale version is $63.6800, -3.3978, 3.4599$.

A 20% lighter version of the original color is $90.5019, -23.3788, 0.3242$, and $45.3408, -16.8367, -1.3731$ is the 20% darker color. If you saturate the color by 10%, you get $65.7445, -24.3583, -1.3355$, and if you desaturate by 10%, it is $68.0214, -15.7566, 0.6857$.

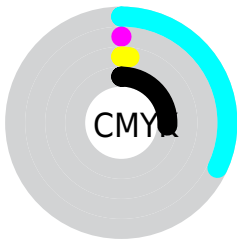
Distribution



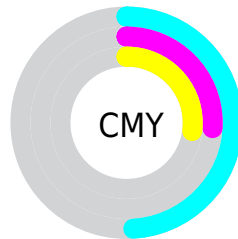
- Red (51%)
- Green (74%)
- Blue (73%)



- Red (51%)
- Yellow (63%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (49%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7888, -20.3627, -0.4401 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 66.7888, -20.3627, -0.4401 by changing the saturation by 10% instead.

■ 66.7888, -20.3627,
-0.4401

■ 66.7888, -20.3627,
-0.4401

191.0991,
-34.6937, 4.7051

■ 55.8120, -18.6950,
-0.8147

■ 90.6276, -23.6173,
0.4471

■ 45.5114, -16.9840,
-1.1400

■ 103.4251,
-25.2174, 0.9516

■ 35.9365, -15.2136,
-1.4096

■ 116.7739,
-26.8065, 1.4936

■ 27.1469, -13.3576,
-1.6163

130.6522,
-28.3883, 2.0711

■ 19.2205, -11.3731,
-1.7506

145.0406,
-29.9658, 2.6825

■ 12.2640, -9.1819,
-1.7983

159.9215,

■ 5.3998, -9.4497,

-31.5413, 3.3262

-3.2907

175.2791,
-33.1167, 4.0008

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7888, -20.3627,
-0.4401

■ 66.7888, -20.3627,
-0.4401

■ 65.7445, -24.3583,
-1.3355

■ 68.0214, -15.7566,
0.6857

■ 64.8817, -27.7182,
-1.9998

■ 69.4384, -10.5726,
2.0308

■ 64.1964, -30.4357,
-2.4338

■ 71.0393, -4.8556,
3.5843

■ 63.6796, -32.5215,
-2.6458

■ 72.8202, 1.3449,
5.3319

■ 63.3188, -34.0077,

■ 74.7761, 7.9764,

-2.6505

7.2575

■ 63.0967, -34.9508,
-2.4711

■ 76.9006, 14.9864,
9.3444

■ 62.9869, -35.4388,
-2.2260

■ 78.4156, 19.8892,
10.6880

■ 78.4425, 20.0285,
10.3017

■ 78.4696, 20.1685,
9.9132

Harmonies

Analogous

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



66.7901, -20.0990, 8.4416



66.7888, -20.3627, -0.4401



66.7901, -16.3102, -9.3246

Triad

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



66.7901, -20.3635, -0.4391



66.7901, 9.3436, -10.2401



66.7901, 1.7668, 18.1657

Complementary

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



66.7888, -20.3627, -0.4401



53.0910, 18.0516, 8.6498

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.



66.7901, 10.2088, 14.4272



66.7888, -20.3627, -0.4401



66.7901, 14.7472, -1.5565

Square

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



66.7901, -20.3635, -0.4391



66.7901, 0.6388, -15.4911



66.7901, 15.0724, 7.4687



66.7901, -7.6719, 18.3779

Rectangle

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



66.7888, -20.3627, -0.4401



66.7901, -11.5669, -13.7213



66.7901, 15.0724, 7.4687



66.7901, 4.8274, 17.3063

Sweetspot

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



66.7901, -20.3635, -0.4391



93.2499, -12.9814, 3.0293



65.5504, -28.0254, 21.1150



43.1097, -6.5000, 1.2766



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.



66.7901, -20.3635, -0.4391



88.3955, -31.0104, -1.4441



58.7682, -7.6627, -12.4950



32.8650, -4.3553, 1.1225



51.6681, -29.0486, -1.8732



10.2384, -5.6744, -0.5477

Inverse Universe

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



53.0910, 18.0516, 8.6498



66.4645, 30.9026, 13.2679



59.8732, 4.5510, 16.4058



30.8932, 1.1107, 2.4063



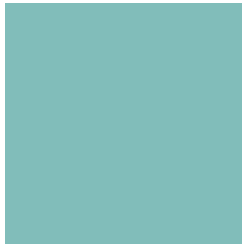
27.0122, 46.3234, 16.9571



5.3711, 9.2607, 2.9864

Previews

White Background



This preview shows how the HunterLab color 66.7888, -20.3627, -0.4401 looks on a white background.

Color Contrast Check

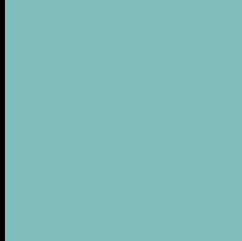
Large Text (above 18pt) WCAG AA × Fail

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 66.7888, -20.3627, -0.4401 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

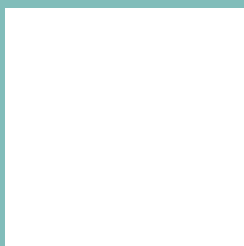
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 66.7888, -20.3627, -0.4401 Background



This preview shows how black text looks on a background with the HunterLab color 66.7888, -20.3627, -0.4401.



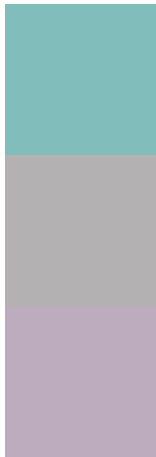
This preview shows how white text looks on a background with the HunterLab color 66.7888,

-20.3627, -0.4401.

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

66.7888, -20.3627, -0.4401

Protanopia

66.6350, -2.2780, 3.0734

Deuteranopia

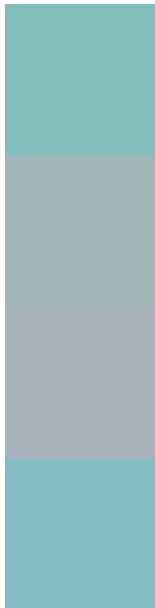
66.3310, 4.8138, -2.0765



Tritanopia

66.9264, -15.4941, -8.5329

Trichromacy



Original Color

66.7888, -20.3627, -0.4401

Protanomaly

66.3342, -9.3486, 1.1548

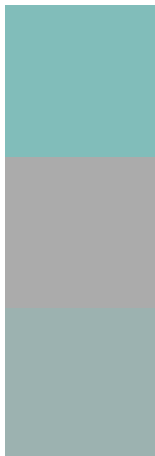
Deuteranomaly

66.0962, -5.1221, -2.0392

Tritanomaly

66.9757, -17.3639, -5.2654

Monochromacy



Original Color

66.7888, -20.3627, -0.4401

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.8408, -10.3282, 2.2157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7888, -20.3627, -0.4401 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(129, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(129, 189, 186)  
}
```

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(129, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 189, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7888, -20.3627, -0.4401 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(129, 189, 186) }
```


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

```
.border{ border-color:rgb(129, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 189, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 189, 186); box-shadow:4px 4px 4px 4px rgb(129, 189, 186) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7888, -20.3627, -0.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 189, 186) }
```

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

```
.background{ background-color: rgb(129,  
189, 186) }
```

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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