

Converting Colors

HunterLab(63.2737, -21.4958,
-7.7102)

Have a look what the booklet for
HunterLab(63.2737, -21.4958,
-7.7102) contains.

HunterLab(63.2790, -21.5674, -7.5684)	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(63.2790,
-21.5674, -7.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	66B6BF
RGB	102, 182, 191
RGB Percent	40%, 71%, 75%
CMY	0.6000, 0.2863, 0.2510
CMYK	0.47, 0.05, 0.00, 0.25
HSL	186°, 41%, 57%
HSV	186°, 47%, 75%
XYZ	31.6114, 40.0423, 55.3531
YIQ	159.1060, -50.5690, -14.1610

Conversions

Conversions Part 2

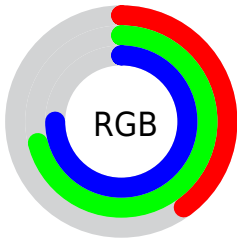
Format	Color
RYB	102, 144, 191
Decimal	6731455
CIELab	69.50, -22.11, -12.21
CIELCh	70, 25.257, 208.902
Yxy	40.0439, 0.2489, 0.3153
Android (android.graphics.Color)	4284921535 (0xFF66B6BF)
YUV	159.1060, 15.7237, -50.0820
Hunter-Lab	63.2790, -21.5674, -7.5684

Details

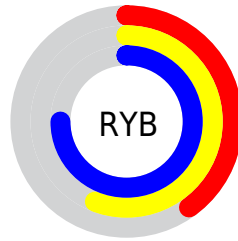
The HunterLab color $63.2790, -21.5674, -7.5684$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $48.3790, 24.4363, 14.8320$, and the grayscale version is $58.8788, -3.1416, 3.1990$.

A 20% lighter version of the original color is $86.6796, -25.1169, -7.2183$, and $42.4842, -17.9038, -7.6912$ is the 20% darker color. If you saturate the color by 10%, you get $61.8611, -23.7154, -9.5390$, and if you desaturate by 10%, it is $64.8751, -18.7974, -5.4008$.

Distribution



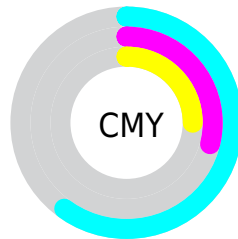
- Red (40%)
- Green (71%)
- Blue (75%)



- Red (40%)
- Yellow (56%)
- Blue (75%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2790, -21.5674, -7.5684 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 63.2790, -21.5674, -7.5684 by changing the saturation by 10% instead.

■ 63.2790, -21.5674,
-7.5684

■ 63.2790, -21.5674,
-7.5684

186.0936,
-36.8238, -5.0044

■ 52.5098, -19.7577,
-7.6005

■ 86.7354, -25.0715,
-7.3252

■ 42.4309, -17.8899,
-7.5676

■ 99.3551, -26.7838,
-7.1248

■ 33.0949, -15.9421,
-7.4623

■ 112.5337,
-28.4787, -6.8763

■ 24.5664, -13.8795,
-7.2777

■ 126.2483,
-30.1606, -6.5828

■ 16.9305, -11.6435,
-7.0086

140.4788,
-31.8334, -6.2467

■ 10.3072, -10.0728,
-6.6624

155.2072,

0.0000, NaN, -NF

-33.5000, -5.8703

0.0000, NaN, NaN

170.4170,
-35.1628, -5.4556

0.0000, NaN, NaN

■ 63.2790, -21.5674,
-7.5684

■ 63.2790, -21.5674,
-7.5684

■ 61.8611, -23.7154,
-9.5390

■ 64.8751, -18.7974,
-5.4008

■ 60.6152, -25.2293,
-11.3042

■ 66.6453, -15.4293,
-3.0545

■ 59.5364, -26.1171,
-12.8581

■ 68.5881, -11.4990,
-0.5465

■ 58.6140, -26.4103,
-14.2041

■ 70.6991, -7.0488,
2.1044

■ 57.8283, -26.1790,
-15.3616

■ 72.9725, -2.1243,
4.8793

■ 57.5750, -26.0461,
-15.7376

■ 75.4017, 3.2274,
7.7601

■ 77.9796, 8.9605,
10.7303

■ 80.6987, 15.0314,
13.7749

■ 81.2681, 14.0698,
14.3626

Harmonies

Analogous

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



63.2802, -23.9715, 3.8457



63.2790, -21.5674, -7.5684



63.2802, -14.3822, -17.3024

Triad

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



63.2802, -21.5678, -7.5674



63.2802, 16.6521, -8.3892



63.2802, -2.9562, 21.0475

Complementary

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



63.2790, -21.5674, -7.5684



48.3790, 24.4363, 14.8320

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.



63.2802, 8.4296, 18.9157



63.2790, -21.5674, -7.5684



63.2802, 20.2362, 3.0407

Square

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



63.2802, -21.5678, -7.5674



63.2802, 7.6456, -17.8332



63.2802, 17.1269, 12.7757



63.2802, -13.6986, 19.2077

Rectangle

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



63.2790, -21.5674, -7.5684



63.2802, -7.5731, -20.8191



63.2802, 17.1269, 12.7757



63.2802, 0.9255, 20.7795

Sweetspot

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



63.2802, -21.5678, -7.5674



92.4402, -14.0361, 0.0944



64.2127, -37.3866, 25.0527



43.0372, -7.1617, -0.3122



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.2802, -21.5678, -7.5674



82.7353, -31.8088, -12.8386



49.6486, -0.9020, -28.2853



32.6193, -3.8723, 0.6339



46.7466, -21.2062, -12.6511



9.5085, -4.5179, -2.1319

Inverse Universe

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



48.9465, 40.8224, -22.7351



60.5332, 67.1306, -37.2856



59.6764, 2.2691, 24.3220



31.1114, 2.2826, -0.7007



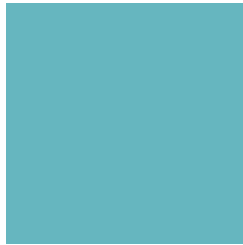
30.3903, 58.4819, -30.2656



6.0550, 11.7152, -6.5205

Previews

White Background



This preview shows how the HunterLab color 63.2790, -21.5674, -7.5684 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 63.2790, -21.5674, -7.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

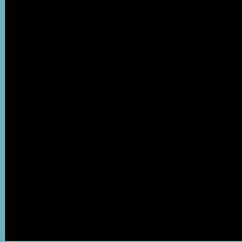
Any Text WCAG AA ✓ Pass

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 63.2790, -21.5674, -7.5684 Background



This preview shows how black text looks on a background with the HunterLab color 63.2790, -21.5674, -7.5684.



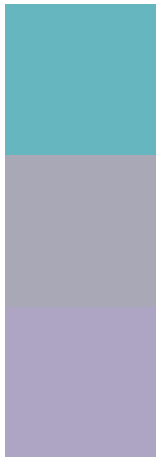
This preview shows how white text looks on a background with the HunterLab color 63.2790,

-21.5674, -7.5684.

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

63.2790, -21.5674, -7.5684

Protanopia

63.0139, -0.9471, -2.8283

Deuteranopia

63.0354, 4.4841, -9.6414



Tritanopia

63.2268, -19.7505, -10.3585

Trichromacy



Original Color

63.2790, -21.5674, -7.5684

Protanomaly

62.7050, -9.5253, -4.9274

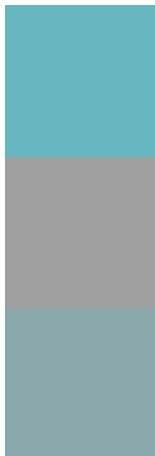
Deuteranomaly

62.6290, -6.0470, -9.8320

Tritanomaly

63.1081, -20.3380, -9.4201

Monochromacy



Original Color

63.2790, -21.5674, -7.5684

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.9841, -10.7867, -1.3091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2790, -21.5674, -7.5684 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, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(102, 182, 191)  
}
```

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, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 182, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2790, -21.5674, -7.5684 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, 182, 191) }
```


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

```
.border{ border-color:rgb(102, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(102, 182,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2790, -21.5674, -7.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 182, 191) }
```

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

```
.background{ background-color: rgb(102,  
182, 191) }
```

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