

Converting Colors

Hex(63C276)

Have a look what the booklet for
Hex(63C276) contains.

Hex(63C276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63C276)

Conversions

Conversions Part 1

Format	Color
Hex	63C276
RGB	99, 194, 118
RGB Percent	39%, 76%, 46%
CMY	0.6118, 0.2392, 0.5373
CMYK	0.49, 0.00, 0.39, 0.24
HSL	132°, 44%, 57%
HSV	132°, 49%, 76%
XYZ	27.7074, 42.5442, 23.8911
YIQ	156.9310, -32.2240, -43.7760

Conversions

Conversions Part 2

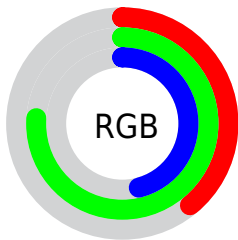
Format	Color
RYB	99, 178, 194
Decimal	6537846
CIELab	71.24, -44.52, 29.79
CIELCh	71, 53.572, 146.213
Yxy	42.5442, 0.2943, 0.4519
Android (android.graphics.Color)	4284727926 (0xFF63C276)
YUV	156.9310, -19.1930, -50.8055
Hunter-Lab	65.2259, -38.3202, 23.9413

Details

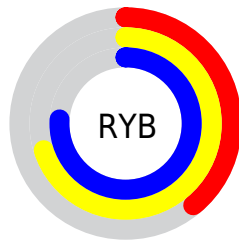
The Hex color **63C276** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C263AF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9BFBAB**, and **288C44** is the 20% darker color. If you saturate the color by 10%, you get **50C266**, and if you desaturate by 10%, it is **76C286**.

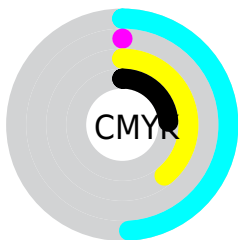
Distribution



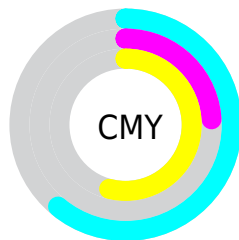
- Red (39%)
- Green (76%)
- Blue (46%)



- Red (39%)
- Yellow (70%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (61%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C276 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 Hex color 63C276 by changing the saturation by 10% instead.

 63C276

 63C276

FFFFFF

 47A65D

 9BFBAB

 288C44

 B8FFC6

 00712D

 D5FFE3

 005816

 F2FFFF

 004000

 002A00

 000900

 000000

 63C276

 63C276

 50C266

 76C286

 3CC257

 8AC295

 29C247

 9DC2A5

 15C238

 B1C2B4

 02C228

 C4C2C4

 00C227

 D7C2D3

 EBC2E3

 FEC2F2

 FFC2FF

Harmonies

Analogous

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



A0B853



63C276



00C7A6

Triad

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



63C276



3CB6FF



FF8886

Complementary

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



63C276



C263AF

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.



FF85B7



63C276



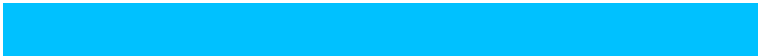
A8A4FF

Square

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



63C276



00C1FF



E591E5



F5985E

Rectangle

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



63C276



00C7C8



E591E5



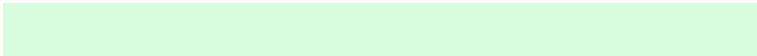
FF8696

Sweetspot

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



63C276



D7FCDE



AFC263



69806D



000000



808080

Same Dimension

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



63C276



68FC85



63C2A6



576159



00A120



002107

Inverse Universe

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



C263AF



FC68DF



C26380



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 63C276 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 Hex color 63C276 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](#).

Hex 63C276 Background



This preview shows how black text looks on a background with the Hex color 63C276.

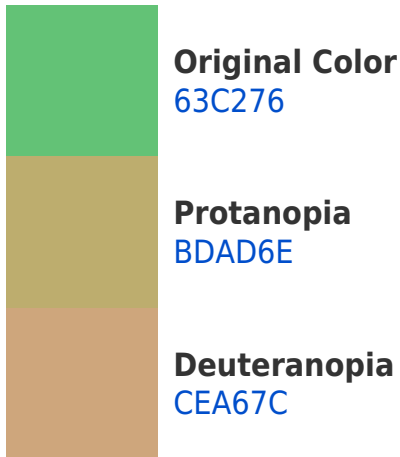


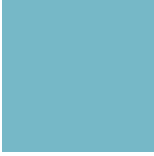
This preview shows how white text looks on a background with the Hex color 63C276.

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





Tritanopia
76B8C7

Trichromacy



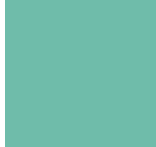
Original Color
63C276



Protanomaly
9CB571



Deuteranomaly
A7B07A



Tritanomaly
6FBCAA

Monochromacy



Original Color
63C276



Achromatopsia
9D9D9D



Achromatomaly
88AA8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 63C276 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 #63C276 looks like.

```
.text, #text, p{  
    color:#63C276  
}
```

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 #63C276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C276
}
```

Border

The CSS property to change the border of an element to Hex 63C276 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
#63C276 }
```

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

```
.border{ border-color:#63C276 }
```

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

Here you see how a box with a 4 pixel #63C276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C276; -webkit-box-shadow:4px 4px  
4px 4px #63C276; box-shadow:4px 4px 4px  
4px #63C276 }
```

Background

The CSS property to change the background color of an element to Hex 63C276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C276 }
```

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

```
.background{ background-color:#63C276 }
```

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