

Converting Colors

Hex(6CA178)

Have a look what the booklet for
Hex(6CA178) contains.

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Color

Hex(6CA178)

Conversions

Conversions Part 1

Format	Color
Hex	6CA178
RGB	108, 161, 120
RGB Percent	42%, 63%, 47%
CMY	0.5765, 0.3686, 0.5294
CMYK	0.33, 0.00, 0.25, 0.37
HSL	134°, 22%, 53%
HSV	134°, 33%, 63%
XYZ	22.3194, 30.0339, 22.3901
YIQ	140.4790, -18.4270, -23.9870

Conversions

Conversions Part 2

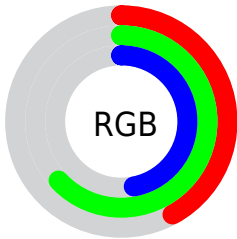
Format	Color
RYB	108, 151, 161
Decimal	7119224
CIELab	61.68, -26.37, 15.89
CIELCh	62, 30.786, 148.930
Yxy	30.0339, 0.2986, 0.4018
Android (android.graphics.Color)	4285309304 (0xFF6CA178)
YUV	140.4790, -10.0961, -28.4841
Hunter-Lab	54.8032, -23.2091, 14.1391

Details

The Hex color **6CA178** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16C95**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A1D8AC**, and **3A6D47** is the 20% darker color. If you saturate the color by 10%, you get **5CA16C**, and if you desaturate by 10%, it is **7CA184**.

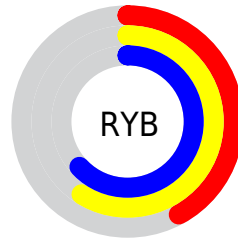
Distribution



Red (42%)

Green (63%)

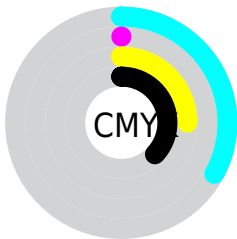
Blue (47%)



Red (42%)

Yellow (59%)

Blue (63%)

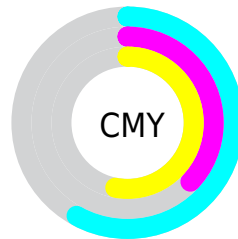


Cyan (33%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA178 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 6CA178 by changing the saturation by 10% instead.

 6CA178

 6CA178

FFFFFF

 53875F

 A1D8AC

 3A6D47

 BCF5C8

 215431

 D9FFE4

 043D1B

 F5FFFF

 002702

 000B00

 000000

 6CA178

 6CA178

 5CA16C

 7CA184

 4CA15F

 8CA191

 3CA153

 9CA19D

 2CA146

 ACA1AA

 1CA13A

 BCA1B6

 0BA12D

 CDA1C3

 00A124

 DDA1CF

 EDA1DC

 FDA1E8

Harmonies

Analogous

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



8C9B65



6CA178



4BA493

Triad

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



6CA178



6E98CB



CA827C

Complementary

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



6CA178



A16C95

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.



C88097



6CA178



978EC5

Square

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



6CA178



449FC3



B785B2



BE8A67

Rectangle

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



6CA178



38A4A6



B785B2



CB8185

Sweetspot

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



6CA178



BCD1C1



96A16C



5C695F



E8E8E8



696969

Same Dimension

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



6CA178



7DD190



6CA192



49524B



009121



001204

Inverse Universe

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



A16C95



D17DBE



A16C7B



524950



910070



12000E

Previews

White Background



This preview shows how the Hex color 6CA178 looks on a white background.

Color Contrast Check

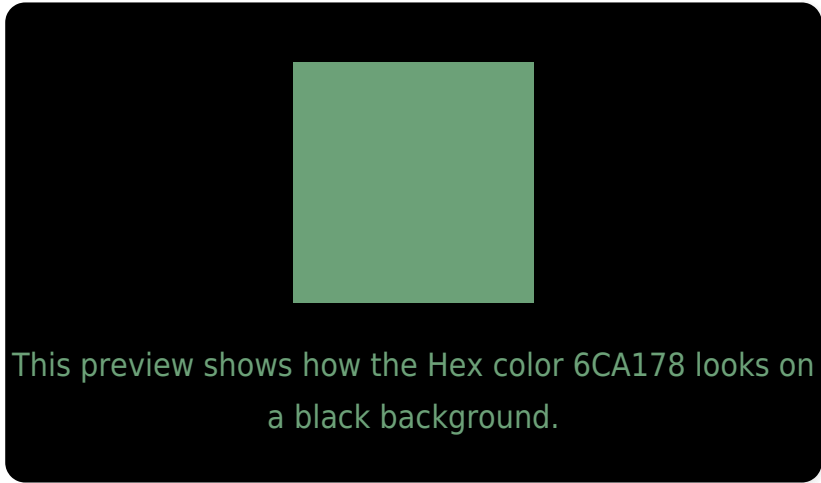
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

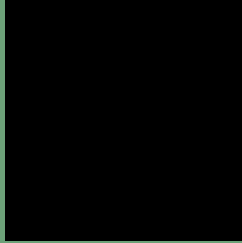
Any Text WCAG AA ✓ Pass

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 6CA178 Background



This preview shows how black text looks on a background with the Hex color 6CA178.

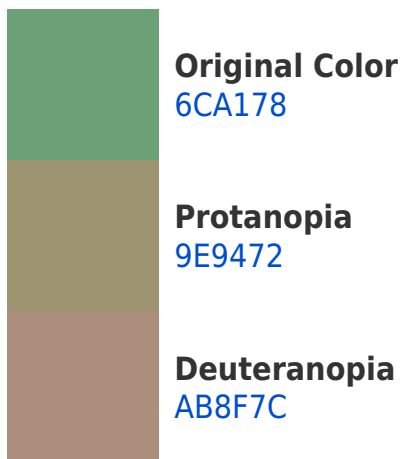


This preview shows how white text looks on a background with the Hex color 6CA178.

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](#).

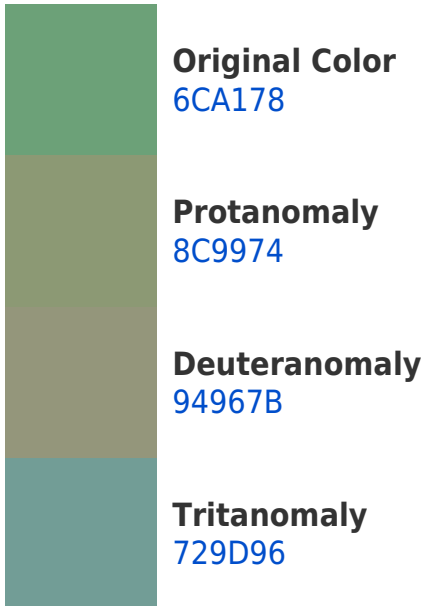
Dichromacy



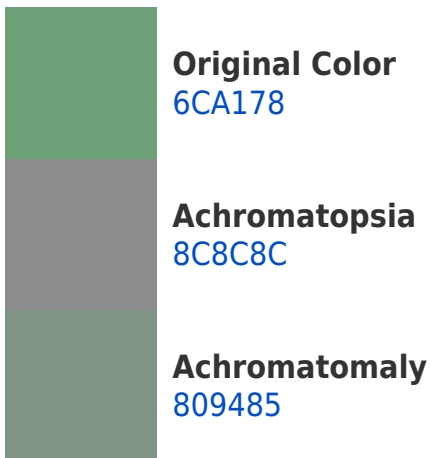


Tritanopia
759BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA178 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 #6CA178 looks like.

```
.text, #text, p{  
    color:#6CA178  
}
```

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 #6CA178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA178
}
```

Border

The CSS property to change the border of an element to Hex 6CA178 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
#6CA178 }
```

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

```
.border{ border-color:#6CA178 }
```

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

Here you see how a box with a 4 pixel #6CA178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA178; -webkit-box-shadow:4px 4px  
4px 4px #6CA178; box-shadow:4px 4px 4px  
4px #6CA178 }
```

Background

The CSS property to change the background color of an element to Hex 6CA178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA178 }
```

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

```
.background{ background-color:#6CA178 }
```

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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