

# Converting Colors

Hex(6AA376)

Have a look what the booklet for  
Hex(6AA376) contains.

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# **Color**

**Hex(6AA376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA376
RGB	106, 163, 118
RGB Percent	42%, 64%, 46%
CMY	0.5843, 0.3608, 0.5373
CMYK	0.35, 0.00, 0.28, 0.36
HSL	133°, 24%, 53%
HSV	133°, 35%, 64%
XYZ	22.3111, 30.5666, 21.8636
YIQ	140.8270, -19.5270, -26.0790

# Conversions

## Conversions Part 2

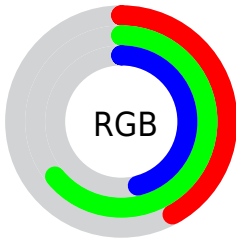
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 153, 163</a>
Decimal	<a href="#">6988662</a>
CIELab	<a href="#">62.14, -28.38, 17.61</a>
CIELCh	<a href="#">62, 33.395, 148.179</a>
Yxy	<a href="#">30.5666, 0.2985, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4285178742 (0xFF6AA376)</a>
YUV	<a href="#">140.8270, -11.2537, -30.5433</a>
Hunter-Lab	<a href="#">55.2870, -24.7187, 15.2544</a>

# Details

The Hex color **6AA376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36A97**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9FDAAA**, and **376F45** is the 20% darker color. If you saturate the color by 10%, you get **5AA369**, and if you desaturate by 10%, it is **7AA383**.

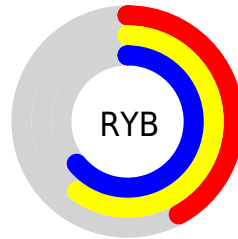
# Distribution



Red (42%)

Green (64%)

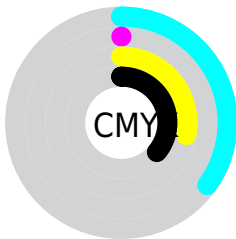
Blue (46%)



Red (42%)

Yellow (60%)

Blue (64%)

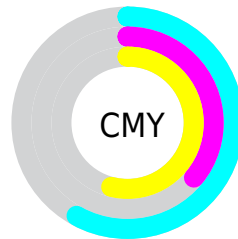


Cyan (35%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AA376 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 6AA376 by changing the saturation by 10% instead.





6AA376



6AA376

FFFFFF



50895D



9FDAAA



376F45



BBF7C6



1E562F



D7FFE2



003E19



F4FFFE



002800



000E00



000000



6AA376



6AA376



5AA369



7AA383

 49A35C

 8BA390

 39A34F

 9BA39D

 29A343

 ABA3A9

 19A336

 BBA3B6

 08A329

 CCA3C3

 00A322

 DCA3D0

 ECA3DD

 FDA3EA

# Harmonies

## Analogous

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



8D9D61



6AA376



43A693

# Triad

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



6AA376



699AD1



CF817C

# Complementary

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



6AA376



A36A97

# 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.



CD7F99



6AA376



978FCA

# Square

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



6AA376



36A1C8



BA85B6



C38A65

# Rectangle

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



6AA376



29A6A8



BA85B6



D08085



# Sweetspot

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



6AA376



BED4C3



98A36A



5E6B61



EBEBEB



6B6B6B



# Same Dimension

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



6AA376



7BD48D



6AA392



49524B



00911F



001204



# Inverse Universe

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



A36A97



D47BC1



A36A7B



524950



910073



12000E



# Previews

## White Background



This preview shows how the Hex color 6AA376 looks on a white background.

## Color Contrast Check

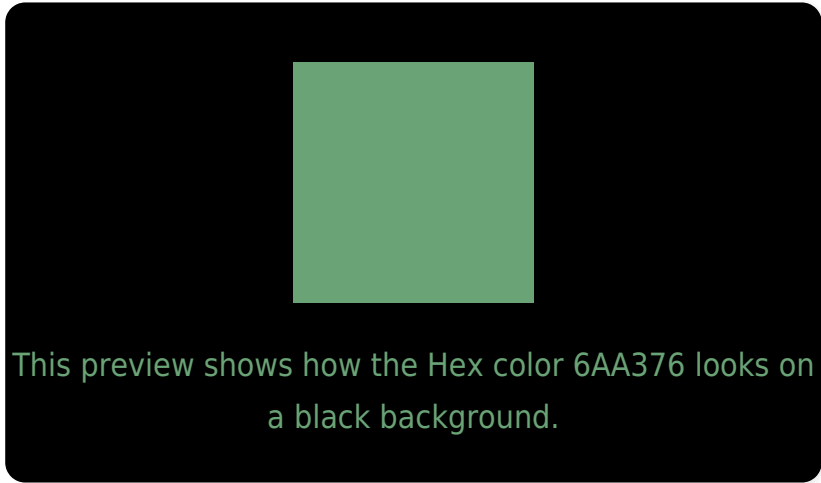
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

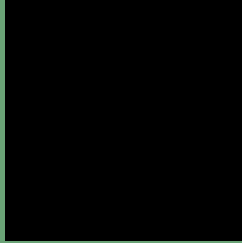
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AA376 Background



This preview shows how black text looks on a background with the Hex color 6AA376.

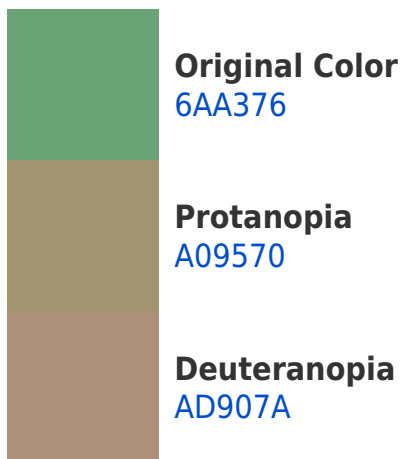


This preview shows how white text looks on a background with the Hex color 6AA376.

# 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](#).

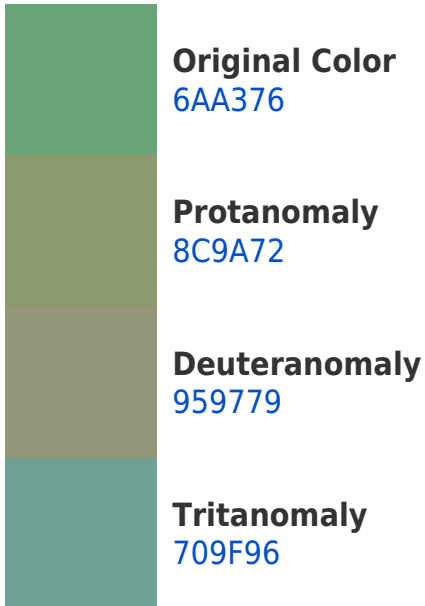
## Dichromacy



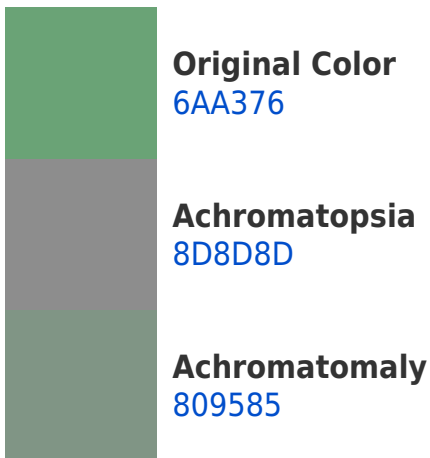


**Tritanopia**  
749CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AA376 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 #6AA376 looks like.

```
.text, #text, p{  
    color:#6AA376  
}
```

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 #6AA376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA376
}
```

## Border

The CSS property to change the border of an element to Hex 6AA376 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
#6AA376 }
```

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

```
.border{ border-color:#6AA376 }
```

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

Here you see how a box with a 4 pixel #6AA376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA376; -webkit-box-shadow:4px 4px  
4px 4px #6AA376; box-shadow:4px 4px 4px  
4px #6AA376 }
```

# Background

The CSS property to change the background color of an element to Hex 6AA376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA376 }
```

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

```
.background{ background-color:#6AA376 }
```

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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