

# Converting Colors

Hex(6EB268)

Have a look what the booklet for  
Hex(6EB268) contains.

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# **Color**

**Hex(6EB268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB268
RGB	110, 178, 104
RGB Percent	43%, 70%, 41%
CMY	0.5686, 0.3020, 0.5922
CMYK	0.38, 0.00, 0.42, 0.30
HSL	115°, 32%, 55%
HSV	115°, 42%, 70%
XYZ	24.8495, 36.1553, 18.7657
YIQ	149.2320, -16.7740, -37.4300

# Conversions

## Conversions Part 2

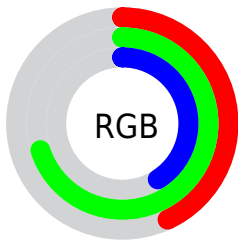
Format	Color
<a href="#">RYB</a>	<a href="#">104, 178, 172</a>
Decimal	<a href="#">7254632</a>
CIELab	<a href="#">66.64, -36.48, 31.18</a>
CIElCh	<a href="#">67, 47.993, 139.483</a>
Yxy	<a href="#">36.1553, 0.3115, 0.4532</a>
Android (android.graphics.Color)	<a href="#">4285444712 (0xFF6EB268)</a>
YUV	<a href="#">149.2320, -22.2994, -34.4065</a>
Hunter-Lab	<a href="#">60.1292, -31.4578, 23.5867</a>

# Details

The Hex color **6EB268** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC68B2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A4EA9C**, and **397D37** is the 20% darker color. If you saturate the color by 10%, you get **5EB256**, and if you desaturate by 10%, it is **7EB27A**.

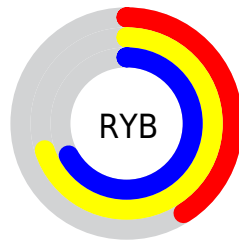
# Distribution



Red (43%)

Green (70%)

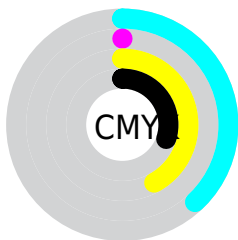
Blue (41%)



Red (41%)

Yellow (70%)

Blue (67%)

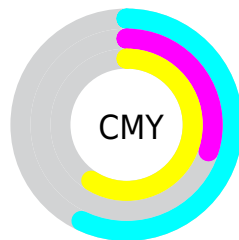


Cyan (38%)

Magenta (0%)

Yellow (42%)

Black (30%)



Cyan (57%)

Magenta (30%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB268 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 6EB268 by changing the saturation by 10% instead.





6EB268



6EB268

FFFFFF



54974F



A4EA9C



397D37



C0FFB7



1D6320



DDFFD3



004B07



FAFFF0



003300



001F00



000000



6EB268



6EB268



5EB256



7EB27A

 4DB244

 8FB28C

 3DB233

 9FB29D

 2DB221

 AFB2AF

 1CB20F

 C0B2C1

 0EB200

 D0B2D3

 E0B2E5

 F1B2F6

 FFB2FF

# Harmonies

## Analogous

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



A0A84D



6EB268



18B791

# Triad

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



6EB268



20ABF6



F47F88

# Complementary

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



6EB268



AC68B2

# 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.



EB80B3



6EB268



8D9DF3

# Square

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



6EB268



00B4E3



C98CDB



E78B62

# Rectangle

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



6EB268



00B8AF



C98CDB



F37E96



# Sweetspot

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



6EB268



CEE8CC



B2AC68



667565



F5F5F5



757575



# Same Dimension

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



6EB268



7DE874



68B287



515950



0C9900



021A00



# Inverse Universe

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



AC68B2



DF74E8



B26893



595059



8D0099



17001A



# Previews

## White Background



This preview shows how the Hex color 6EB268 looks on a white background.

## Color Contrast Check

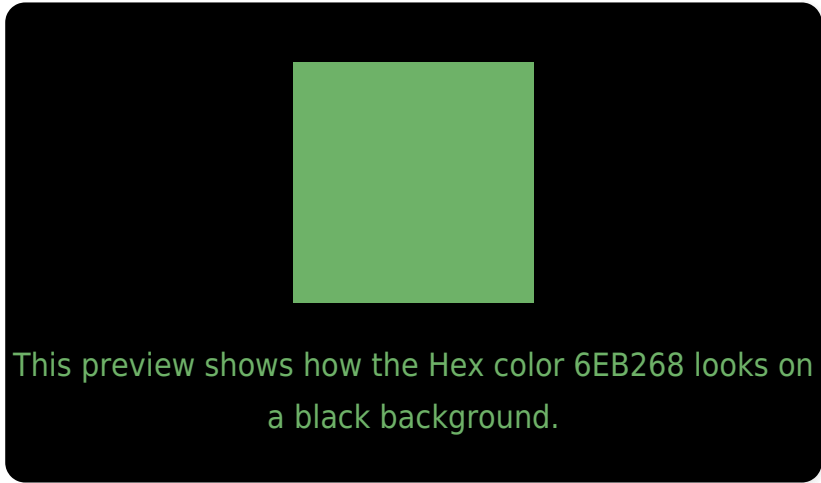
Large Text (above 18pt) WCAG AA × Fail

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 6EB268 Background



This preview shows how black text looks on a background with the Hex color 6EB268.

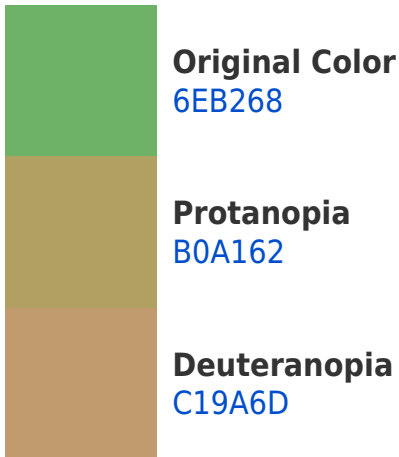


This preview shows how white text looks on a background with the Hex color 6EB268.

# 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](#).

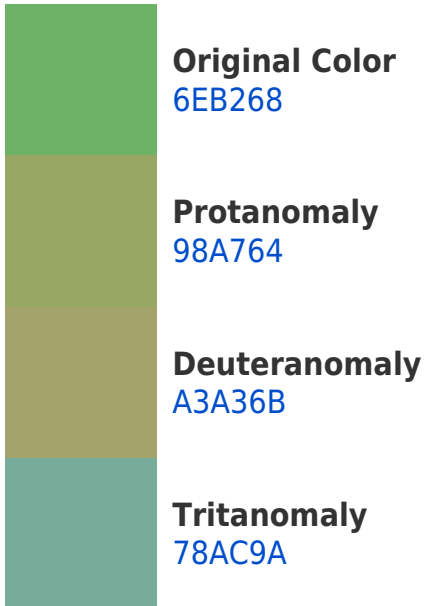
## Dichromacy



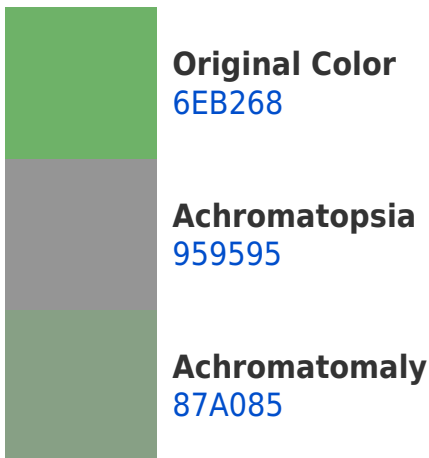


**Tritanopia**  
7DA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB268 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 #6EB268 looks like.

```
.text, #text, p{  
    color:#6EB268  
}
```

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 #6EB268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB268
}
```

## Border

The CSS property to change the border of an element to Hex 6EB268 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
#6EB268 }
```

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

```
.border{ border-color:#6EB268 }
```

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

Here you see how a box with a 4 pixel #6EB268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB268; -webkit-box-shadow:4px 4px  
4px 4px #6EB268; box-shadow:4px 4px 4px  
4px #6EB268 }
```

# Background

The CSS property to change the background color of an element to Hex 6EB268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB268 }
```

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

```
.background{ background-color:#6EB268 }
```

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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