

# Converting Colors

Hex(6AA653)

Have a look what the booklet for  
Hex(6AA653) contains.

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**Color**

**Hex(6AA653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA653
RGB	106, 166, 83
RGB Percent	42%, 65%, 33%
CMY	0.5843, 0.3490, 0.6745
CMYK	0.36, 0.00, 0.50, 0.35
HSL	103°, 33%, 49%
HSV	103°, 50%, 65%
XYZ	21.1414, 30.9611, 13.0454
YIQ	138.5980, -9.1170, -38.5330

# Conversions

## Conversions Part 2

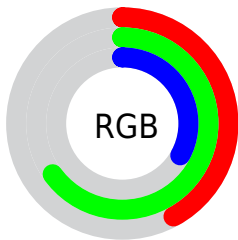
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">83, 166, 143</a>
Decimal	<a href="#">6989395</a>
CIELab	<a href="#">62.47, -35.31, 36.70</a>
CIELCh	<a href="#">62, 50.928, 133.887</a>
Yxy	<a href="#">30.9611, 0.3245, 0.4752</a>
Android (android.graphics.Color)	<a href="#">4285179475 (0xFF6AA653)</a>
YUV	<a href="#">138.5980, -27.4098, -28.5884</a>
Hunter-Lab	<a href="#">55.6427, -29.5539, 25.0494</a>

# Details

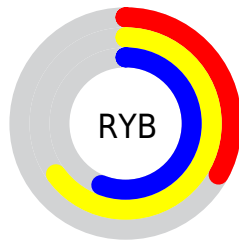
The Hex color **6AA653** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8F53A6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A0DD86**, and **357222** is the 20% darker color. If you saturate the color by 10%, you get **5EA642**, and if you desaturate by 10%, it is **76A664**.

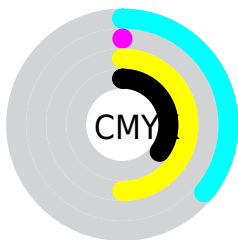
# Distribution



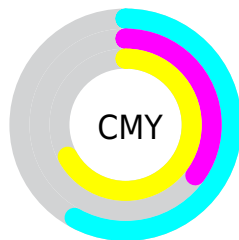
- Red (42%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AA653 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 6AA653 by changing the saturation by 10% instead.





6AA653



6AA653

FFFFFF



508B3A



A0DD86



357222



BCFAA1



195907



D8FFBC



004100



F6FFD8



002A00



FFFFF5



001000



000000



6AA653



6AA653



5EA642



76A664

 52A632

 82A674

 46A621

 8EA685

 3AA611

 9AA695

 2EA600

 A6A6A6

 B2A6B7

 BEA6C7

 CAA6D8

 D6A6E8

# Harmonies

## Analogous

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



9D9B3A



6AA653



00AC7C

# Triad

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



6AA653



00A3ED



EB7084

# Complementary

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



6AA653



8F53A6

# 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.



DE73B1



6AA653



6E95EF

# Square

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



6AA653



00ABD5



B583D9



E17B5A

# Rectangle

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



6AA653



00AE9C



B583D9



EA6F93



# Sweetspot

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



6AA653



C1D9B8



A68E53



5F6E5A



EDEDED



6E6E6E



# Same Dimension

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



6AA653



7BD957



53A665



4E544C



299400



061400



# Inverse Universe

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



8F53A6



B557D9



A65394



524C54



6B0094



0F0014



# Previews

## White Background



This preview shows how the Hex color 6AA653 looks on a white background.

## Color Contrast Check

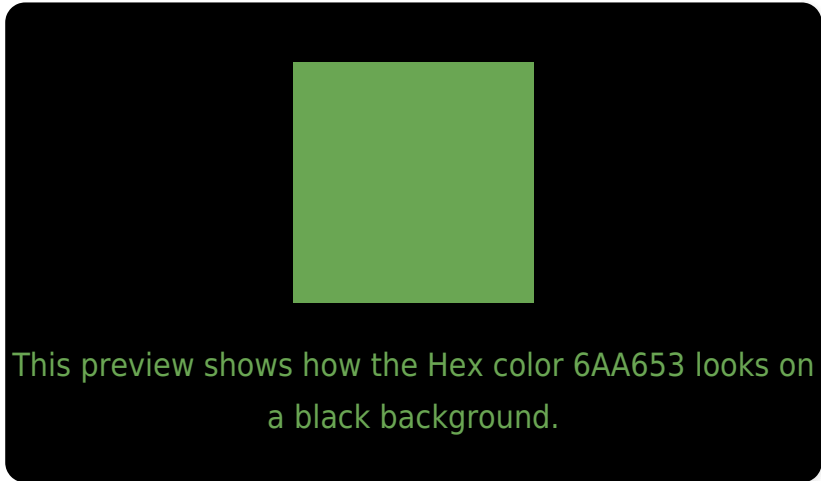
Large Text (above 18pt) WCAG AA × Fail

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 6AA653 Background



This preview shows how black text looks on a background with the Hex color 6AA653.



This preview shows how white text looks on a background with the Hex color 6AA653.

# 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**  
6AA653

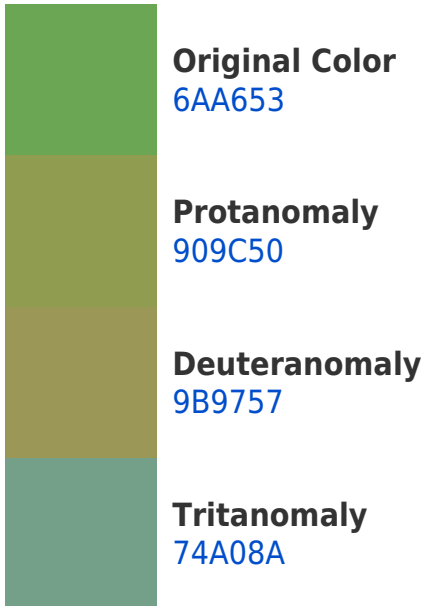
**Protanopia**  
A6974E

**Deuteranopia**  
B78F59

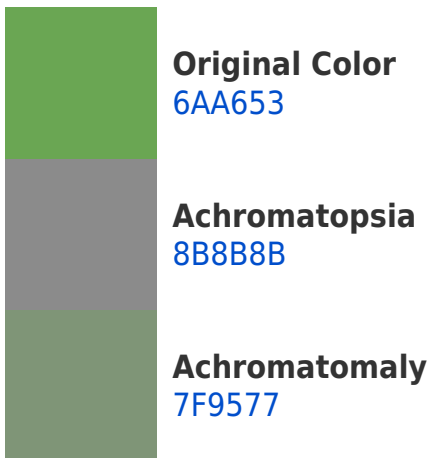


**Tritanopia**  
799DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AA653 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 #6AA653 looks like.

```
.text, #text, p{  
    color:#6AA653  
}
```

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 #6AA653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA653
}
```

## Border

The CSS property to change the border of an element to Hex 6AA653 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
#6AA653 }
```

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

```
.border{ border-color:#6AA653 }
```

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

Here you see how a box with a 4 pixel #6AA653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA653; -webkit-box-shadow:4px 4px  
4px 4px #6AA653; box-shadow:4px 4px 4px  
4px #6AA653 }
```

# Background

The CSS property to change the background color of an element to Hex 6AA653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA653 }
```

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

```
.background{ background-color:#6AA653 }
```

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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