

Converting Colors

Hex(66A553)

Have a look what the booklet for
Hex(66A553) contains.

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Color

Hex(66A553)

Conversions

Conversions Part 1

Format	Color
Hex	66A553
RGB	102, 165, 83
RGB Percent	40%, 65%, 33%
CMY	0.6000, 0.3529, 0.6745
CMYK	0.38, 0.00, 0.50, 0.35
HSL	106°, 33%, 49%
HSV	106°, 50%, 65%
XYZ	20.4960, 30.3596, 12.9633
YIQ	136.8150, -11.2260, -38.8580

Conversions

Conversions Part 2

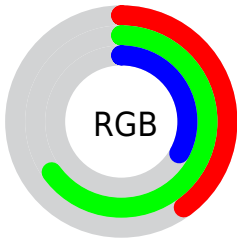
Format	Color
RYB	83, 165, 146
Decimal	6726995
CIELab	61.96, -36.22, 36.03
CIELCh	62, 51.085, 135.147
Yxy	30.3596, 0.3212, 0.4757
Android (android.graphics.Color)	4284917075 (0xFF66A553)
YUV	136.8150, -26.5308, -30.5328
Hunter-Lab	55.0995, -30.0256, 24.6204

Details

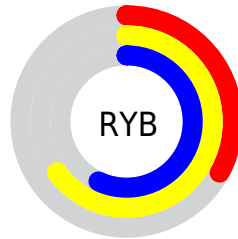
The Hex color **66A553** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9253A5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9CDC86**, and **317122** is the 20% darker color. If you saturate the color by 10%, you get **59A542**, and if you desaturate by 10%, it is **73A563**.

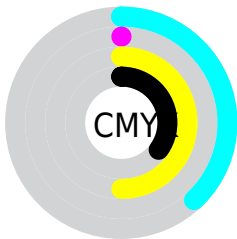
Distribution



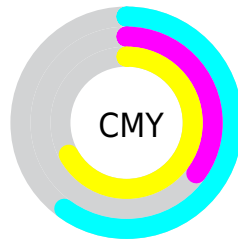
- Red (40%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A553 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 66A553 by changing the saturation by 10% instead.



66A553



66A553

FFFFFF



4C8A3A



9CDC86



317122



B8F9A1



135808



D4FFBC



004000



F1FFD8



002900



FFFFFF5



000D00



000000



66A553



66A553



59A542



73A563

 4DA532

 7FA574

 40A521

 8CA584

 33A511

 99A595

 27A500

 A5A5A5

 26A500

 B2A5B6

 BFA5C6

 CBA5D7

 D8A5E7

Harmonies

Analogous

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



999A39



66A553



00AB7D

Triad

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



66A553



00A1ED



EA6F80

Complementary

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



66A553



9253A5

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.



DD71AE



66A553



7093ED

Square

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



66A553



00A9D5



B680D6



DF7A57

Rectangle

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



66A553



00AC9C



B680D6



E96E90

Sweetspot

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



66A553



BED6B6



A59253



5C6B58



EBEBEB



6B6B6B

Same Dimension

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



66A553



73D656



53A569



4B5249



229100



041200

Inverse Universe

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



9253A5



B856D6



A5538F



504952



700091



0E0012

Previews

White Background



This preview shows how the Hex color 66A553 looks on a white background.

Color Contrast Check

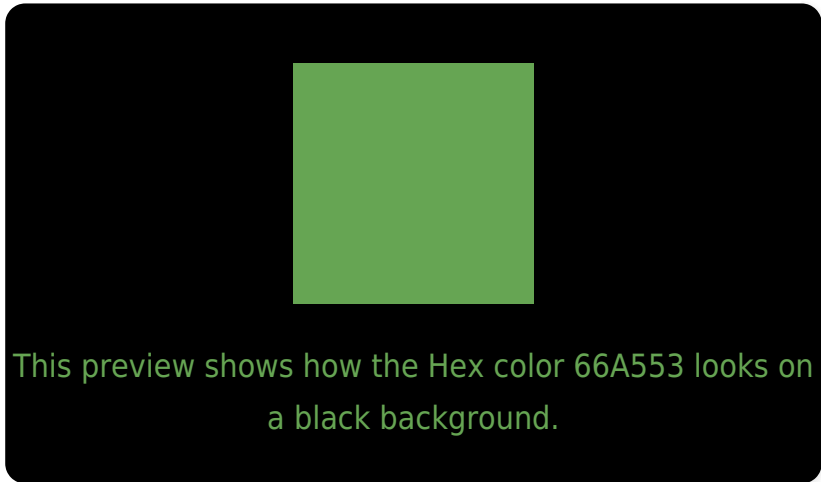
Large Text (above 18pt) WCAG AA × Fail

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 66A553 Background



This preview shows how black text looks on a background with the Hex color 66A553.

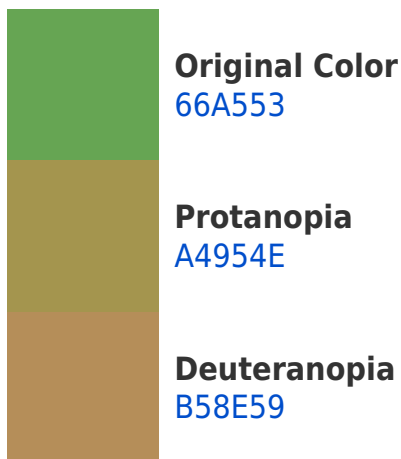


This preview shows how white text looks on a background with the Hex color 66A553.

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



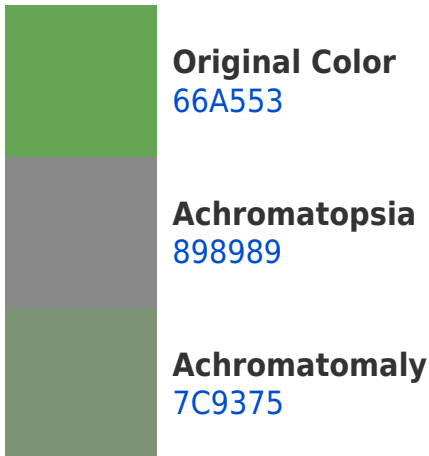


Tritanopia
759CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A553 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 #66A553 looks like.

```
.text, #text, p{  
    color:#66A553  
}
```

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 #66A553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A553
}
```

Border

The CSS property to change the border of an element to Hex 66A553 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".

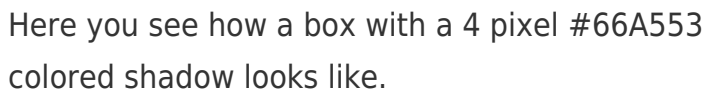
```
.border, #border, table{ border:4px solid
#66A553 }
```

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

```
.border{ border-color:#66A553 }
```

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

Here you see how a box with a 4 pixel #66A553 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A553; -webkit-box-shadow:4px 4px  
4px 4px #66A553; box-shadow:4px 4px 4px  
4px #66A553 }
```

Background

The CSS property to change the background color of an element to Hex 66A553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A553 }
```

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

```
.background{ background-color:#66A553 }
```

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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