

Converting Colors

Hex(65A165)

Have a look what the booklet for
Hex(65A165) contains.

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Color

Hex(65A165)

Conversions

Conversions Part 1

Format	Color
Hex	65A165
RGB	101, 161, 101
RGB Percent	40%, 63%, 40%
CMY	0.6039, 0.3686, 0.6039
CMYK	0.37, 0.00, 0.37, 0.37
HSL	120°, 24%, 51%
HSV	120°, 37%, 63%
XYZ	20.4607, 29.1960, 16.8689
YIQ	136.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

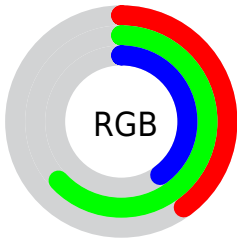
Format	Color
RYB	101, 161, 161
Decimal	6660453
CIELab	60.95, -32.04, 25.26
CIElCh	61, 40.800, 141.743
Yxy	29.1960, 0.3076, 0.4389
Android (android.graphics.Color)	4284850533 (0xFF65A165)
YUV	136.2200, -17.3635, -30.8879
Hunter-Lab	54.0333, -26.9662, 19.3133

Details

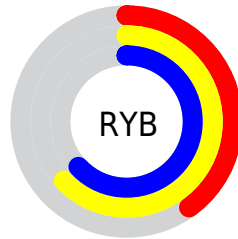
The Hex color **65A165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A165A1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9AD899**, and **326D35** is the 20% darker color. If you saturate the color by 10%, you get **55A155**, and if you desaturate by 10%, it is **75A175**.

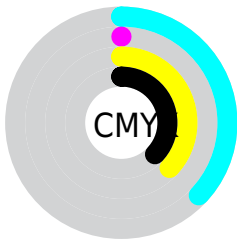
Distribution



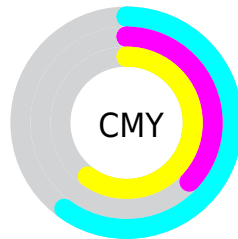
- Red (40%)
- Green (63%)
- Blue (40%)



- Red (40%)
- Yellow (63%)
- Blue (63%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (37%)



- Cyan (60%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A165 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 65A165 by changing the saturation by 10% instead.



65A165



65A165

FFFFFF



4B874D



9AD899



326D35



B6F5B3



16541F



D2FFCF



003C08



EFFFEB



002700



000700



000000



65A165



65A165



55A155



75A175

 45A145

 85A185

 35A135

 95A195

 25A125

 A5A1A5

 14A114

 B5A1B5

 04A104

 C6A1C6

 00A100

 D6A1D6

 E6A1E6

 F6A1F6

Harmonies

Analogous

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



8F994E



65A165



29A588

Triad

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



65A165



409ADA



D8777A

Complementary

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



65A165



A165A1

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.



D1779F



65A165



878DD6

Square

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



65A165



00A2CB



B680C0



CC815C

Rectangle

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



65A165



00A6A1



B680C0



D87686

Sweetspot

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



65A165



BAD1BA



A1A165



5B695B



E8E8E8



696969

Same Dimension

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



65A165



73D173



65A183



495249



009100



001200

Inverse Universe

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



A165A1



D173D1



A16583



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 65A165 looks on a white background.

Color Contrast Check

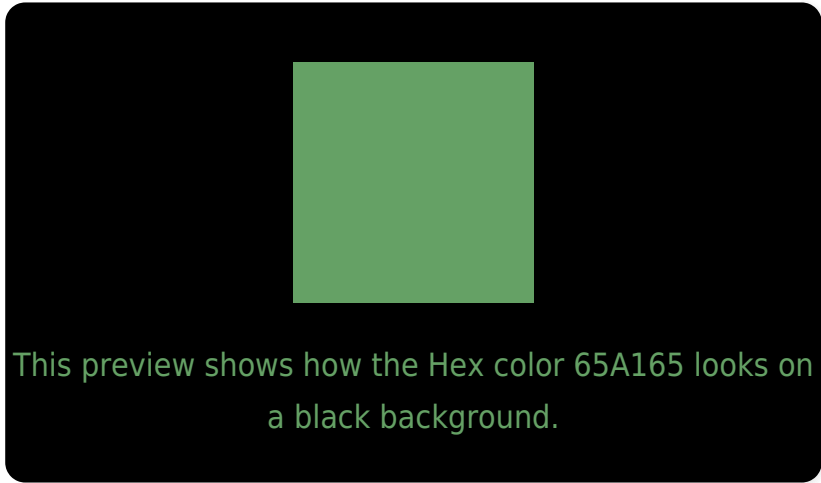
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 65A165 Background



This preview shows how black text looks on a background with the Hex color 65A165.



This preview shows how white text looks on a background with the Hex color 65A165.

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](#).

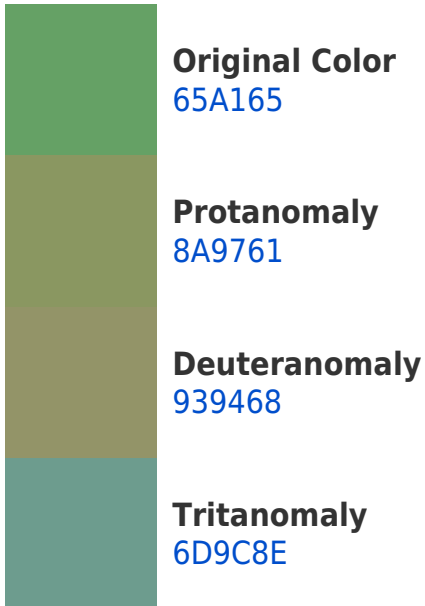
Dichromacy



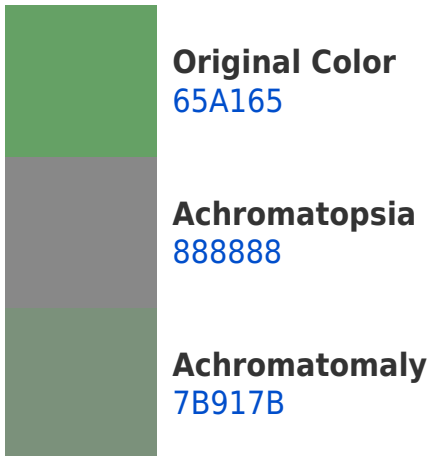


Tritanopia
7199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A165 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 #65A165 looks like.

```
.text, #text, p{  
    color:#65A165  
}
```

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 #65A165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A165
}
```

Border

The CSS property to change the border of an element to Hex 65A165 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
#65A165 }
```

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

```
.border{ border-color:#65A165 }
```

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

Here you see how a box with a 4 pixel #65A165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A165; -webkit-box-shadow:4px 4px  
4px 4px #65A165; box-shadow:4px 4px 4px  
4px #65A165 }
```

Background

The CSS property to change the background color of an element to Hex 65A165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A165 }
```

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

```
.background{ background-color:#65A165 }
```

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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