

Converting Colors

Hex(65A76B)

Have a look what the booklet for
Hex(65A76B) contains.

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Color

Hex(65A76B)

Conversions

Conversions Part 1

Format	Color
Hex	65A76B
RGB	101, 167, 107
RGB Percent	40%, 65%, 42%
CMY	0.6039, 0.3451, 0.5804
CMYK	0.40, 0.00, 0.36, 0.35
HSL	125°, 27%, 53%
HSV	125°, 40%, 65%
XYZ	21.8394, 31.4657, 18.8323
YIQ	140.4260, -20.0760, -32.6520

Conversions

Conversions Part 2

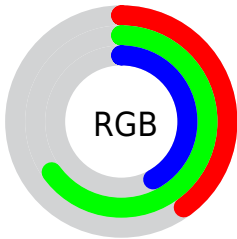
Format	Color
RYB	101, 162, 167
Decimal	6661995
CIELab	62.90, -33.83, 24.60
CIElCh	63, 41.832, 143.981
Yxy	31.4657, 0.3027, 0.4362
Android (android.graphics.Color)	4284852075 (0xFF65A76B)
YUV	140.4260, -16.4790, -34.5766
Hunter-Lab	56.0943, -28.6689, 19.3608

Details

The Hex color **65A76B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A765A1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9BDF9F**, and **31723B** is the 20% darker color. If you saturate the color by 10%, you get **54A75C**, and if you desaturate by 10%, it is **76A77A**.

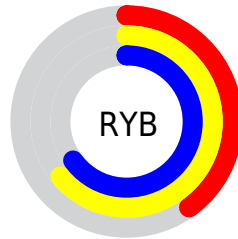
Distribution



Red (40%)

Green (65%)

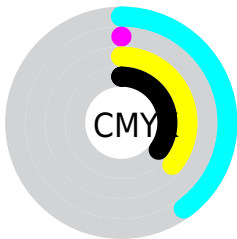
Blue (42%)



Red (40%)

Yellow (64%)

Blue (65%)

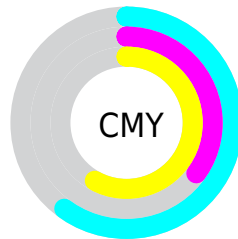


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A76B 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 65A76B by changing the saturation by 10% instead.



65A76B



65A76B

FFFFFF



4B8C52



9BDF9F



31723B



B6FBBA



145924



D3FFD6



00410E



FFFFFF2



002B00



001200



000000



65A76B



65A76B



54A75C



76A77A

 44A74D

 86A789

 33A73D

 97A799

 22A72E

 A8A7A8

 11A71F

 B8A7B7

 01A710

 C9A7C6

 00A70F

 DAA7D5

 EBA7E4

 FBA7F4

Harmonies

Analogous

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



919F52



65A76B



23AB8F

Triad

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



65A76B



4A9EE2



DF7C7C

Complementary

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



65A76B



A765A1

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.



DA7AA1



65A76B



9091DC

Square

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



65A76B



00A7D3



BF83C4



D1865D

Rectangle

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



65A76B



00ACA9



BF83C4



DF7A88

Sweetspot

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



65A76B



BFD9C1



A1A765



5E6E60



EDEDED



6E6E6E

Same Dimension

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



65A76B



73D97C



65A78B



4C544D



00940D



001402

Inverse Universe

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



A765A1



D973CF



A76580



544C53



940086



140013

Previews

White Background



This preview shows how the Hex color 65A76B looks on a white background.

Color Contrast Check

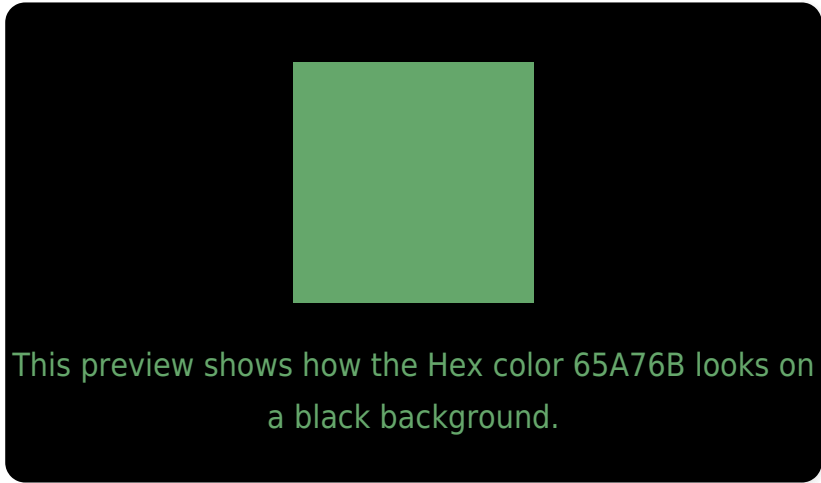
Large Text (above 18pt) WCAG AA × Fail

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

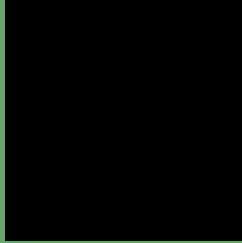
Any Text WCAG AA ✓ Pass

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 65A76B Background



This preview shows how black text looks on a background with the Hex color 65A76B.



This preview shows how white text looks on a background with the Hex color 65A76B.

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

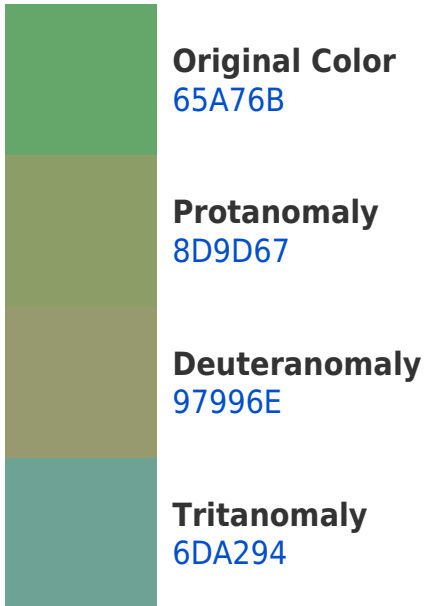


Original Color
65A76B

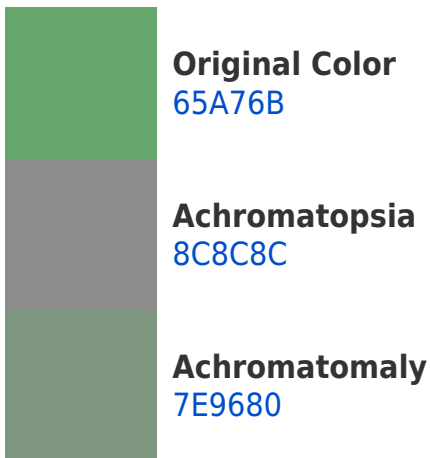
Protanopia
A49765

Deuteranopia
B39170

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A76B 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 #65A76B looks like.

```
.text, #text, p{  
    color:#65A76B  
}
```

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 #65A76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A76B
}
```

Border

The CSS property to change the border of an element to Hex 65A76B 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
#65A76B }
```

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

```
.border{ border-color:#65A76B }
```

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

Here you see how a box with a 4 pixel #65A76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A76B; -webkit-box-shadow:4px 4px  
4px 4px #65A76B; box-shadow:4px 4px 4px  
4px #65A76B }
```

Background

The CSS property to change the background color of an element to Hex 65A76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A76B }
```

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

```
.background{ background-color:#65A76B }
```

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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