

Converting Colors

Hex(65A6A6)

Have a look what the booklet for
Hex(65A6A6) contains.

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Color

Hex(65A6A6)

Conversions

Conversions Part 1

Format	Color
Hex	65A6A6
RGB	101, 166, 166
RGB Percent	40%, 65%, 65%
CMY	0.6039, 0.3490, 0.3490
CMYK	0.39, 0.00, 0.00, 0.35
HSL	180°, 27%, 52%
HSV	180°, 39%, 65%
XYZ	25.8860, 32.7923, 41.0416
YIQ	146.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

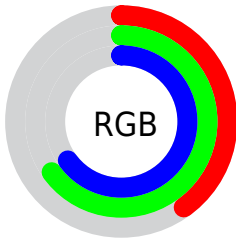
Format	Color
RYB	101, 134, 166
Decimal	6661798
CIELab	63.99, -20.69, -6.55
CIElCh	64, 21.708, 197.574
Yxy	32.7923, 0.2596, 0.3288
Android (android.graphics.Color)	4284851878 (0xFF65A6A6)
YUV	146.5650, 9.5815, -39.9605
Hunter-Lab	57.2646, -19.5235, -2.4080

Details

The Hex color **65A6A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A66565**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9BDDDD**, and **2F7272** is the 20% darker color. If you saturate the color by 10%, you get **54A6A6**, and if you desaturate by 10%, it is **76A6A6**.

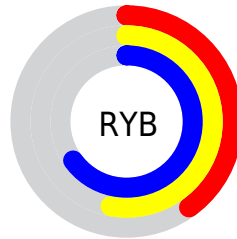
Distribution



Red (40%)

Green (65%)

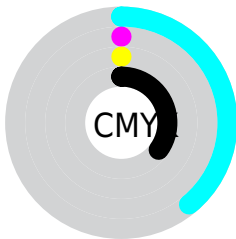
Blue (65%)



Red (40%)

Yellow (53%)

Blue (65%)

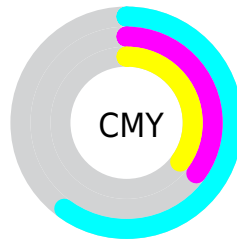


Cyan (39%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A6A6 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 65A6A6 by changing the saturation by 10% instead.



65A6A6



65A6A6

FFFFFF



4A8C8C



9BDDDD



2F7272



B7FAFA



0F595A



D3FFFF



004142



F1FFFF



002B2C



001718



000000



65A6A6



65A6A6



54A6A6



76A6A6

44A6A6

86A6A6

33A6A6

97A6A6

23A6A6

A7A6A6

12A6A6

B8A6A6

01A6A6

C9A6A6

00A6A6

D9A6A6

EAA6A6

FAA6A6

Harmonies

Analogous

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



73A692



65A6A6



67A4B7

Triad

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



65A6A6



AC92B5



B19776

Complementary

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



65A6A6



A66565

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.



BE917F



65A6A6



BD8EA4

Square

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



65A6A6



9399C0



C38D90



9E9D76

Rectangle

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



65A6A6



72A1BE



C38D90



B69578

Sweetspot

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



65A6A6



BFD9D9



65A665



5E6E6E



EDEDED



6E6E6E

Same Dimension

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



65A6A6



73D9D9



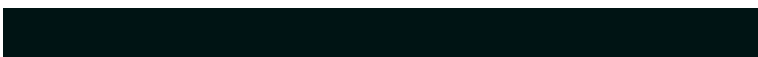
6585A6



4C5454



009494



001414

Inverse Universe

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



A665A6



D973D9



A68565



544C54



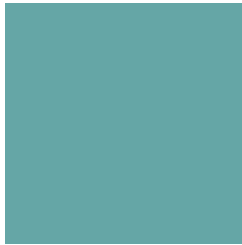
940094



140014

Previews

White Background



This preview shows how the Hex color 65A6A6 looks on a white background.

Color Contrast Check

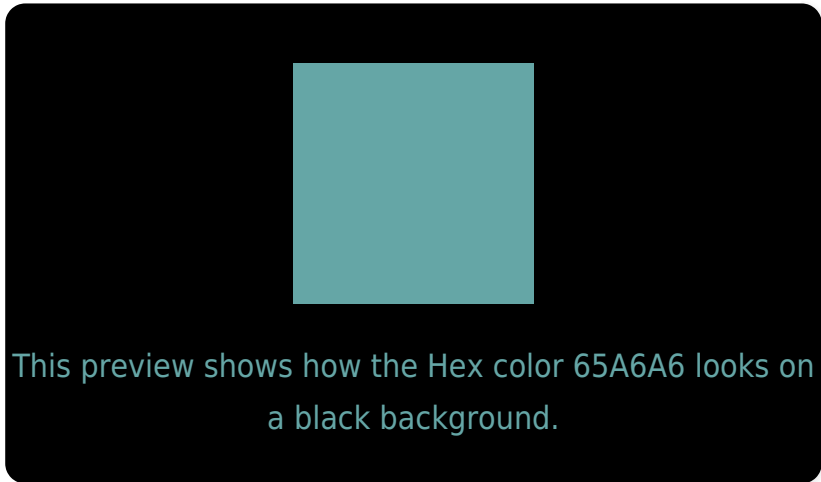
Large Text (above 18pt) WCAG AA × Fail

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

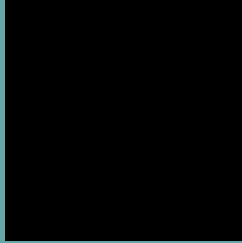
Any Text WCAG AA ✓ Pass

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 65A6A6 Background



This preview shows how black text looks on a background with the Hex color 65A6A6.

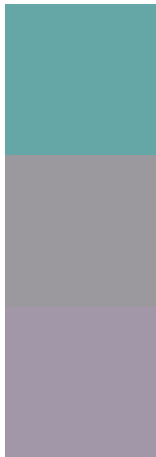


This preview shows how white text looks on a background with the Hex color 65A6A6.

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](#).

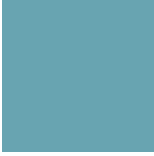
Dichromacy



Original Color
65A6A6

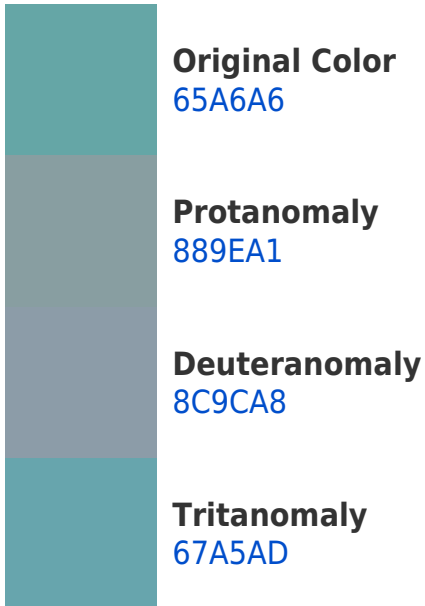
Protanopia
9C999E

Deuteranopia
A296A9

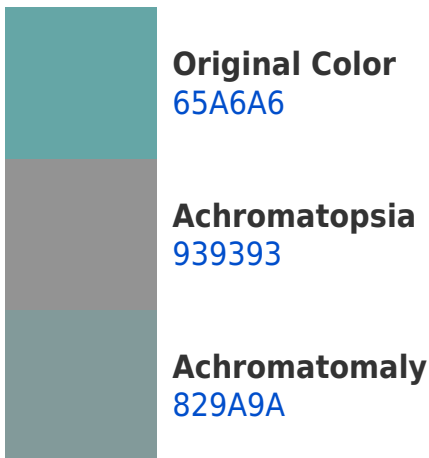


Tritanopia
68A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A6A6 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 #65A6A6 looks like.

```
.text, #text, p{  
    color:#65A6A6  
}
```

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 #65A6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A6A6
}
```

Border

The CSS property to change the border of an element to Hex 65A6A6 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
#65A6A6 }
```

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

```
.border{ border-color:#65A6A6 }
```

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

Here you see how a box with a 4 pixel #65A6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A6A6; -webkit-box-shadow:4px 4px  
4px 4px #65A6A6; box-shadow:4px 4px 4px  
4px #65A6A6 }
```

Background

The CSS property to change the background color of an element to Hex 65A6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A6A6 }
```

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

```
.background{ background-color:#65A6A6 }
```

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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