

Converting Colors

Hex(6BB7A5)

Have a look what the booklet for
Hex(6BB7A5) contains.

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Color

Hex(6BB7A5)

Conversions

Conversions Part 1

Format	Color
Hex	6BB7A5
RGB	107, 183, 165
RGB Percent	42%, 72%, 65%
CMY	0.5804, 0.2824, 0.3529
CMYK	0.42, 0.00, 0.10, 0.28
HSL	166°, 35%, 57%
HSV	166°, 42%, 72%
XYZ	29.7884, 39.7094, 41.6920
YIQ	158.2240, -39.5180, -21.7100

Conversions

Conversions Part 2

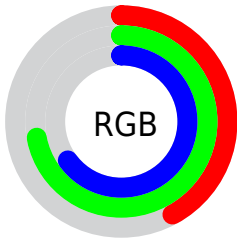
Format	Color
RYB	107, 150, 183
Decimal	7059365
CIELab	69.26, -27.88, 1.77
CIElCh	69, 27.935, 176.363
Yxy	39.7094, 0.2679, 0.3571
Android (android.graphics.Color)	4285249445 (0xFF6BB7A5)
YUV	158.2240, 3.3406, -44.9234
Hunter-Lab	63.0154, -25.8970, 4.8836

Details

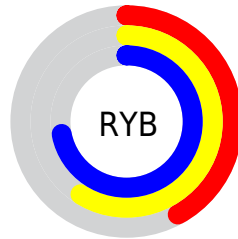
The Hex color **6BB7A5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B76B7D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A2EFDC**, and **358271** is the 20% darker color. If you saturate the color by 10%, you get **59B7A1**, and if you desaturate by 10%, it is **7DB7A9**.

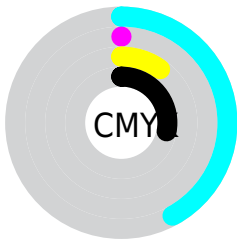
Distribution



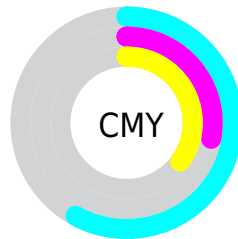
- Red (42%)
- Green (72%)
- Blue (65%)



- Red (42%)
- Yellow (59%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (58%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB7A5 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 6BB7A5 by changing the saturation by 10% instead.

 6BB7A5

 6BB7A5

FFFFFF

 509C8B

 A2EFDC

 358271

 BEFFF8

 156859

 DBFFFF

 005042

 F8FFFF

 00382B

 002317

 000000

 6BB7A5

 6BB7A5

 59B7A1

 7DB7A9

 46B79C

 90B7AE

 34B798

 A2B7B2

 22B794

 B4B7B6

 0FB78F

 C7B7BB

 00B78C

 D9B7BF

 EBB7C3

 FDB7C8

 FFB7CC

Harmonies

Analogous

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



87B48C



6BB7A5



5BB7BF

Triad

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



6BB7A5



A9A4D6



D29E80

Complementary

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



6BB7A5



B76B7D

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.



DC9894



6BB7A5



C79BC5

Square

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



6BB7A5



84ACDB



D897AD



BEA677

Rectangle

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



6BB7A5



5EB5CD



D897AD



D79B86

Sweetspot

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



6BB7A5



D1EDE6



7EB76B



677874



F7F7F7



787878

Same Dimension

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



6BB7A5



77EDD1



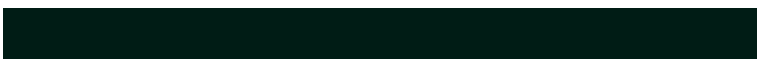
6BA4B7



535C5A



009C77



001C15

Inverse Universe

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



B76B7D



ED7793



B77E6B



5C5355



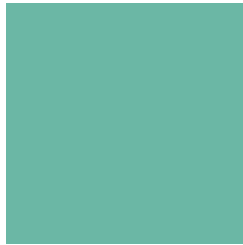
9C0025



1C0007

Previews

White Background



This preview shows how the Hex color 6BB7A5 looks on a white background.

Color Contrast Check

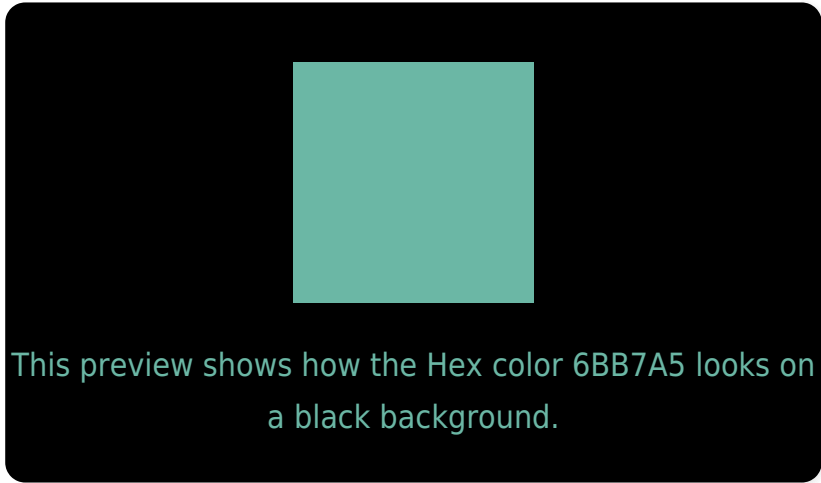
Large Text (above 18pt) WCAG AA × Fail

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 6BB7A5 Background



This preview shows how black text looks on a background with the Hex color 6BB7A5.

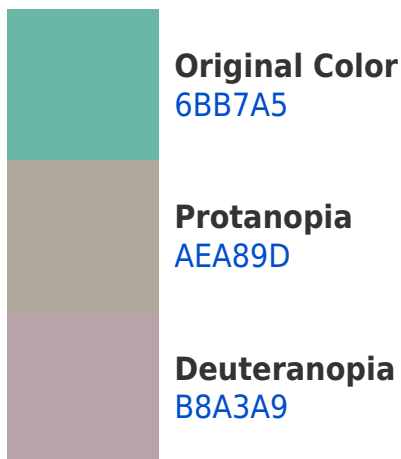


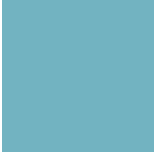
This preview shows how white text looks on a background with the Hex color 6BB7A5.

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](#).

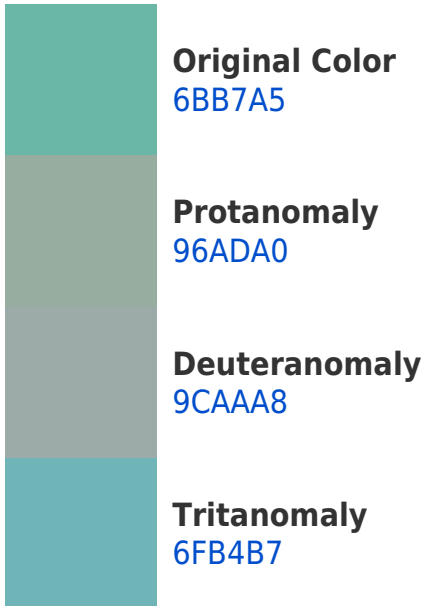
Dichromacy



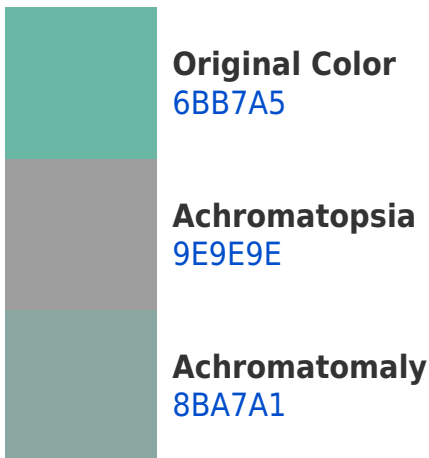


Tritanopia
72B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB7A5 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 #6BB7A5 looks like.

```
.text, #text, p{  
    color:#6BB7A5  
}
```

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 #6BB7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB7A5
}
```

Border

The CSS property to change the border of an element to Hex 6BB7A5 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
#6BB7A5 }
```

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

```
.border{ border-color:#6BB7A5 }
```

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

Here you see how a box with a 4 pixel #6BB7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB7A5; -webkit-box-shadow:4px 4px  
4px 4px #6BB7A5; box-shadow:4px 4px 4px  
4px #6BB7A5 }
```

Background

The CSS property to change the background color of an element to Hex 6BB7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB7A5 }
```

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

```
.background{ background-color:#6BB7A5 }
```

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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