

Converting Colors

Hex(6BD0A4)

Have a look what the booklet for
Hex(6BD0A4) contains.

Hex(6BD0A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BD0A4)

Conversions

Conversions Part 1

Format	Color
Hex	6BD0A4
RGB	107, 208, 164
RGB Percent	42%, 82%, 64%
CMY	0.5804, 0.1843, 0.3569
CMYK	0.49, 0.00, 0.21, 0.18
HSL	154°, 52%, 62%
HSV	154°, 49%, 82%
XYZ	35.3201, 50.9179, 43.0885
YIQ	172.7850, -46.0720, -35.0960

Conversions

Conversions Part 2

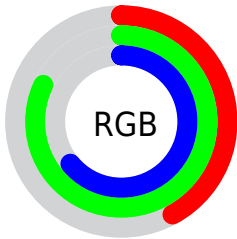
Format	Color
RYB	107, 172, 208
Decimal	7065764
CIELab	76.63, -39.79, 12.87
CIELCh	77, 41.822, 162.077
Yxy	50.9179, 0.2731, 0.3937
Android (android.graphics.Color)	4285255844 (0xFF6BD0A4)
YUV	172.7850, -4.3310, -57.6934
Hunter-Lab	71.3568, -36.5206, 14.1477

Details

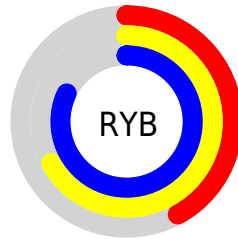
The Hex color **6BD0A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D06B97**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A4FFDB**, and **309970** is the 20% darker color. If you saturate the color by 10%, you get **56D09B**, and if you desaturate by 10%, it is **80D0AD**.

Distribution



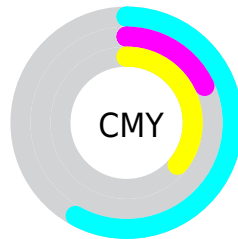
- Red (42%)
- Green (82%)
- Blue (64%)



- Red (42%)
- Yellow (67%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD0A4 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 6BD0A4 by changing the saturation by 10% instead.



6BD0A4



6BD0A4

FFFFFF



4EB48A



A4FFDB



309970



C0FFF8



007E58



DEFFFF



006540



FBFFFF



004C2A



003415



001F00



000000



6BD0A4



6BD0A4

■ 56D09B

■ 80D0AD

■ 41D092

■ 95D0B6

■ 2DD089

■ A9D0BF

■ 18D080

■ BED0C8

■ 03D077

■ D3D0D1

■ 00D075

■ E8D0DA

■ FDD0E3

■ FFD0EC

■ FFD0F6

Harmonies

Analogous

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



9CCA82



6BD0A4



2ED2CC

Triad

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



6BD0A4



9EBCFF



FFA68B

Complementary

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



6BD0A4



D06B97

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.



FF9FAF



6BD0A4



D5ADF7

Square

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



6BD0A4



59C8FF



FAA2D6



EAB374

Rectangle

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



6BD0A4



00D1E5



FAA2D6



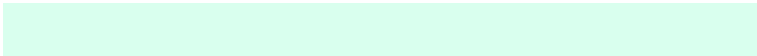
FFA396

Sweetspot

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



6BD0A4



D9FFEE



98D06B



698076



000000



808080

Same Dimension

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



6BD0A4



6BFFBF



6BCBD0



5E6964



00A85F



002917

Inverse Universe

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



D06B97



FF6BAC



D0706B



695E63



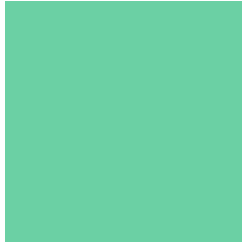
A80049



290012

Previews

White Background



This preview shows how the Hex color 6BD0A4 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



This preview shows how the Hex color 6BD0A4 looks on a 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 6BD0A4 Background



This preview shows how black text looks on a background with the Hex color 6BD0A4.

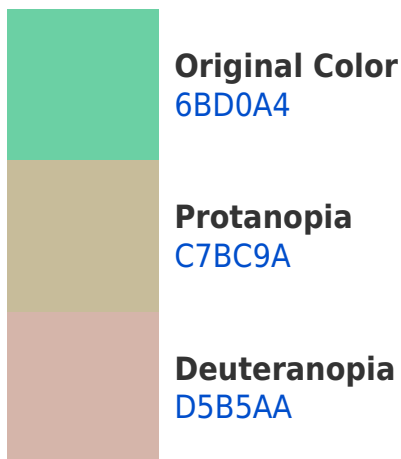


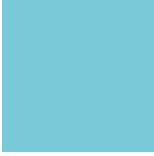
This preview shows how white text looks on a background with the Hex color 6BD0A4.

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
79C9D9

Trichromacy



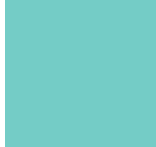
Original Color
6BD0A4



Protanomaly
A6C39E



Deuteranomaly
AEBFA8



Tritanomaly
74CCC6

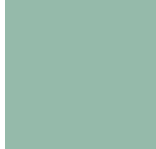
Monochromacy



Original Color
6BD0A4



Achromatopsia
ADADAD



Achromatomaly
95BAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD0A4 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 #6BD0A4 looks like.

```
.text, #text, p{  
    color:#6BD0A4  
}
```

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 #6BD0A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD0A4
}
```

Border

The CSS property to change the border of an element to Hex 6BD0A4 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
#6BD0A4 }
```

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

```
.border{ border-color:#6BD0A4 }
```

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

Here you see how a box with a 4 pixel #6BD0A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD0A4; -webkit-box-shadow:4px 4px  
4px 4px #6BD0A4; box-shadow:4px 4px 4px  
4px #6BD0A4 }
```

Background

The CSS property to change the background color of an element to Hex 6BD0A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD0A4 }
```

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

```
.background{ background-color:#6BD0A4 }
```

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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