

Converting Colors

Hex(60A0B4)

Have a look what the booklet for
Hex(60A0B4) contains.

Hex(60A0B4)	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(60A0B4)

Conversions

Conversions Part 1

Format	Color
Hex	60A0B4
RGB	96, 160, 180
RGB Percent	38%, 63%, 71%
CMY	0.6235, 0.3725, 0.2941
CMYK	0.47, 0.11, 0.00, 0.29
HSL	194°, 36%, 54%
HSV	194°, 47%, 71%
XYZ	25.6329, 30.9237, 47.7979
YIQ	143.1440, -44.5640, -7.3480

Conversions

Conversions Part 2

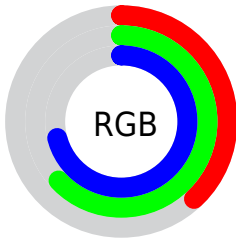
Format	Color
RYB	96, 132, 180
Decimal	6332596
CIELab	62.44, -15.08, -16.75
CIELCh	62, 22.539, 228.016
Yxy	30.9237, 0.2456, 0.2963
Android (android.graphics.Color)	4284522676 (0xFF60A0B4)
YUV	143.1440, 18.1700, -41.3453
Hunter-Lab	55.6091, -15.0367, -12.0354

Details

The Hex color **60A0B4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B47460**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **97D7EC**, and **276C7F** is the 20% darker color. If you saturate the color by 10%, you get **4E9CB4**, and if you desaturate by 10%, it is **72A4B4**.

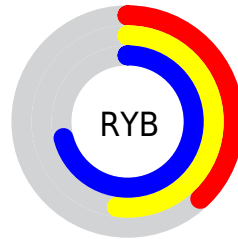
Distribution



Red (38%)

Green (63%)

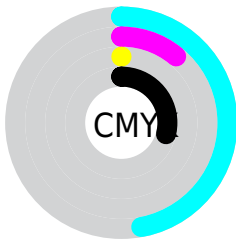
Blue (71%)



Red (38%)

Yellow (52%)

Blue (71%)

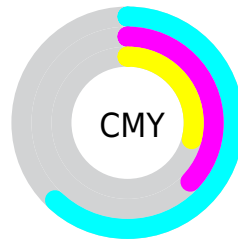


Cyan (47%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A0B4 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 60A0B4 by changing the saturation by 10% instead.

 60A0B4

 60A0B4

FFFFFF

 458699

 97D7EC

 276C7F

 B3F3FF

 005466

 D0FFFF

 003D4E

 EDFFFF

 002737

 001122

 000009

 000000

 60A0B4

 60A0B4

■ 4E9CB4

■ 72A4B4

■ 3C97B4

■ 84A9B4

■ 2A93B4

■ 96ADB4

■ 188FB4

■ A8B1B4

■ 068BB4

■ BAB5B4

■ 0089B4

■ CCBAB4

■ DEBEB4

■ F0C2B4

■ FFC7B4

Harmonies

Analogous

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



5EA2A3



60A0B4



749BBE

Triad

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



60A0B4



BA89A0



999A71

Complementary

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



60A0B4



B47460

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.



AD9370



60A0B4



C0898C

Square

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



60A0B4



A98EB2



BB8D7A



829F7C

Rectangle

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



60A0B4



8697BE



BB8D7A



A0976F

Sweetspot

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



60A0B4



CAE3EB



60B474



617175



F5F5F5



757575

Same Dimension

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



60A0B4



67CBEB



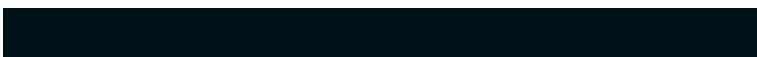
6076B4



505759



007599



00131A

Inverse Universe

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



B460A0



EB67CB



B49E60



595057



990075



1A0013

Previews

White Background



This preview shows how the Hex color 60A0B4 looks on a white background.

Color Contrast Check

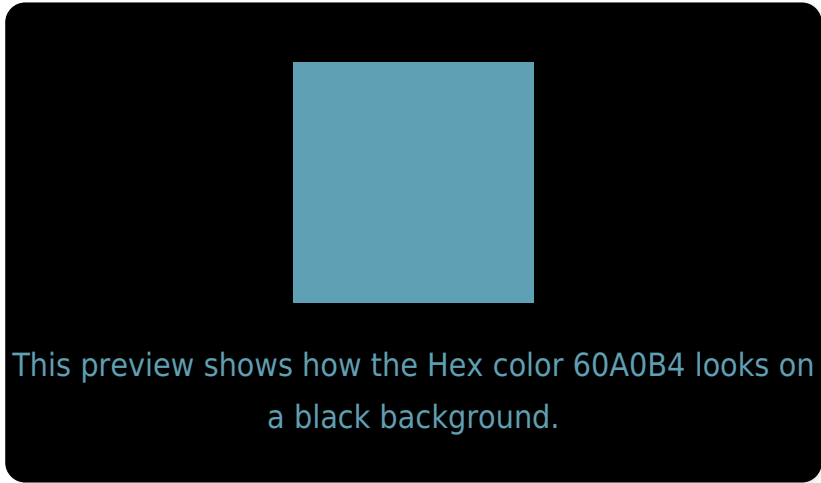
Large Text (above 18pt) WCAG AA × Fail

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

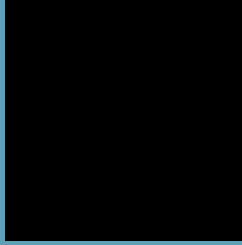
Any Text WCAG AA ✓ Pass

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 60A0B4 Background



This preview shows how black text looks on a background with the Hex color 60A0B4.

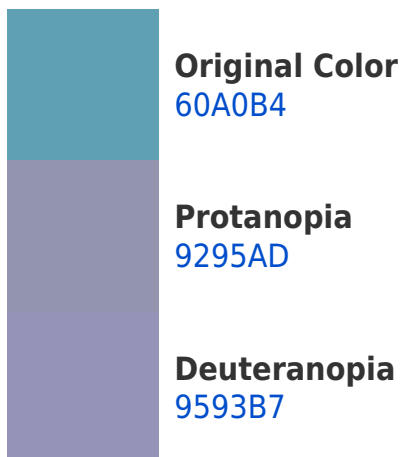


This preview shows how white text looks on a background with the Hex color 60A0B4.

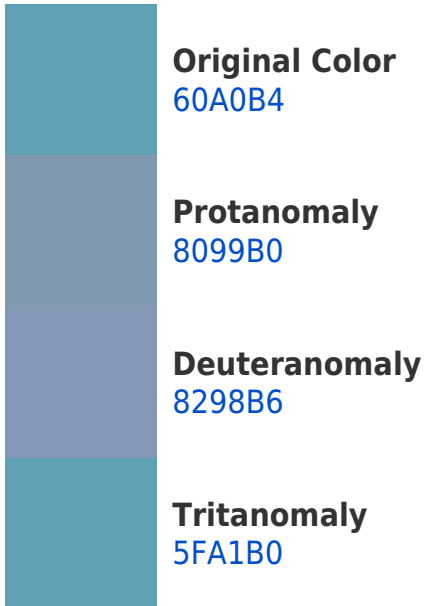
Color Blindness Simulation

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](#).

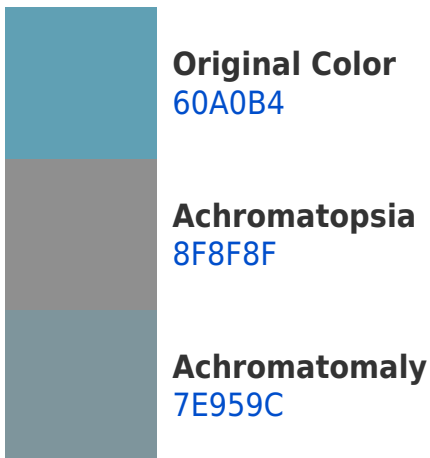
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60A0B4 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 #60A0B4 looks like.

```
.text, #text, p{  
    color:#60A0B4  
}
```

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 #60A0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A0B4
}
```

Border

The CSS property to change the border of an element to Hex 60A0B4 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
#60A0B4 }
```

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

```
.border{ border-color:#60A0B4 }
```

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

Here you see how a box with a 4 pixel #60A0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A0B4; -webkit-box-shadow:4px 4px  
4px 4px #60A0B4; box-shadow:4px 4px 4px  
4px #60A0B4 }
```

Background

The CSS property to change the background color of an element to Hex 60A0B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A0B4 }
```

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

```
.background{ background-color:#60A0B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor