

Converting Colors

Hex(206BB6)

Have a look what the booklet for
Hex(206BB6) contains.

Hex(206BB6)	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(206BB6)

Conversions

Conversions Part 1

Format	Color
Hex	206BB6
RGB	32, 107, 182
RGB Percent	13%, 42%, 71%
CMY	0.8745, 0.5804, 0.2863
CMYK	0.82, 0.41, 0.00, 0.29
HSL	210°, 70%, 42%
HSV	210°, 82%, 71%
XYZ	14.2969, 14.1999, 46.2433
YIQ	93.1250, -68.7750, 7.4250

Conversions

Conversions Part 2

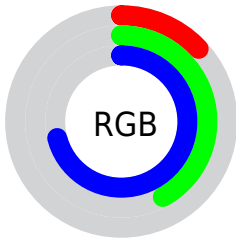
Format	Color
R _Y B	32, 82, 182
Decimal	2124726
CIE Lab	44.52, 5.06, -45.99
CIE LCh	45, 46.270, 276.275
Yxy	14.1999, 0.1913, 0.1900
Android (android.graphics.Color)	4280314806 (0xFF206BB6)
YUV	93.1250, 43.8154, -53.6066
Hunter-Lab	37.6827, 1.7783, -46.3813

Details

The Hex color **206BB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B66B20**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **669EEE**, and **003D80** is the 20% darker color. If you saturate the color by 10%, you get **0E62B6**, and if you desaturate by 10%, it is **3274B6**.

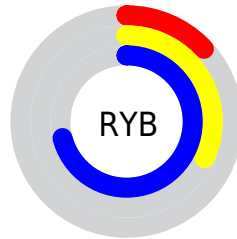
Distribution



Red (13%)

Green (42%)

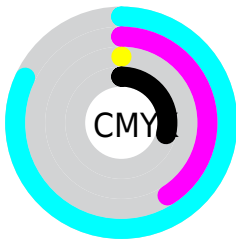
Blue (71%)



Red (13%)

Yellow (32%)

Blue (71%)

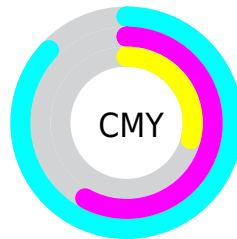


Cyan (82%)

Magenta (41%)

Yellow (0%)

Black (29%)



Cyan (87%)

Magenta (58%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206BB6 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 206BB6 by changing the saturation by 10% instead.

■ 206BB6

■ 206BB6

FFFFFF

■ 00539B

■ 669EEE

■ 003D80

■ 84B9FF

■ 002867

■ A2D4FF

■ 00134E

■ BFF0FF

■ 000537

■ DDFFFF

■ 000221

■ FBFFFF

■ 000005

■ 000000

■ 206BB6

■ 206BB6

0E62B6

3274B6

005BB6

447DB6

5786B6

698FB6

7B99B6

8DA2B6

9FABB6

B2B4B6

C4BDB6

Harmonies

Analogous

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



0075AF



206BB6



755CA8

Triad

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



206BB6



AA4D3E



007A49

Complementary

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



206BB6



B6B20

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.



4D7426



206BB6



965C20

Square

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



206BB6



AF4563



766A13



007C71

Rectangle

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



206BB6



935095



766A13



26783C

Sweetspot

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



206BB6



B2D0ED



20B66B



546678



F7F7F7



787878

Same Dimension

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



206BB6



0278ED



2020B6



53575C



004E9C



000E1C

Inverse Universe

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



B6206B



ED0278



B6B620



5C5357



9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 206BB6 looks on a white 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 × Fail

Black Background



This preview shows how the Hex color 206BB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

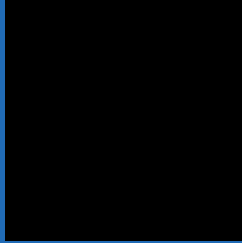
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 206BB6 Background



This preview shows how black text looks on a background with the Hex color 206BB6.

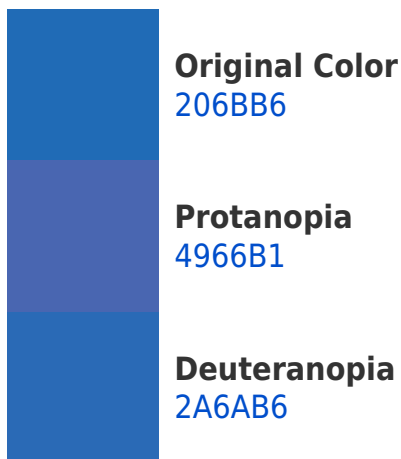


This preview shows how white text looks on a background with the Hex color 206BB6.

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](#).

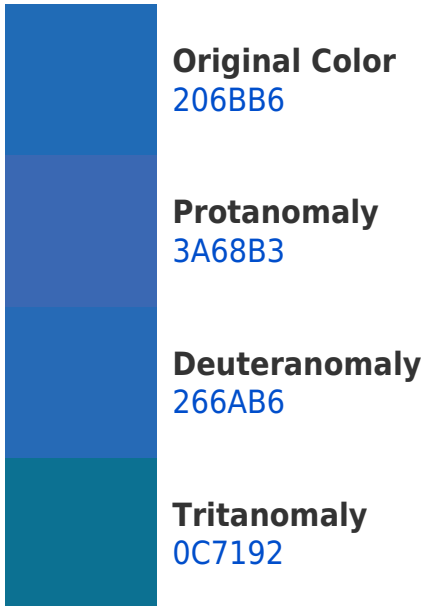
Dichromacy



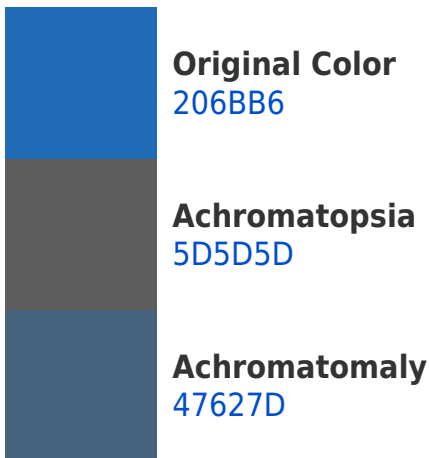


Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 206BB6 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 #206BB6 looks like.

```
.text, #text, p{  
    color:#206BB6  
}
```

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 #206BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206BB6
}
```

Border

The CSS property to change the border of an element to Hex 206BB6 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
#206BB6 }
```

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

```
.border{ border-color:#206BB6 }
```

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

Here you see how a box with a 4 pixel #206BB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206BB6; -webkit-box-shadow:4px 4px  
4px 4px #206BB6; box-shadow:4px 4px 4px  
4px #206BB6 }
```

Background

The CSS property to change the background color of an element to Hex 206BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206BB6 }
```

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

```
.background{ background-color:#206BB6 }
```

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