

Converting Colors

Hex(1685B0)

Have a look what the booklet for
Hex(1685B0) contains.

Hex(1685B0)	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(1685B0)

Conversions

Conversions Part 1

Format	Color
Hex	1685B0
RGB	22, 133, 176
RGB Percent	9%, 52%, 69%
CMY	0.9137, 0.4784, 0.3098
CMYK	0.88, 0.24, 0.00, 0.31
HSL	197°, 78%, 39%
HSV	197°, 88%, 69%
XYZ	16.5549, 20.0802, 44.0776
YIQ	104.7130, -79.9590, -10.1590

Conversions

Conversions Part 2

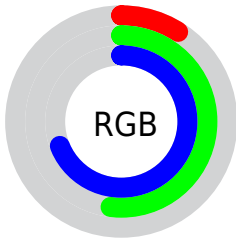
Format	Color
R_{YB}	22, 87, 176
Decimal	1476016
CIE _{Lab}	51.93, -13.56, -30.83
CIE _{LCh}	52, 33.683, 246.261
Yxy	20.0802, 0.2051, 0.2488
Android (android.graphics.Color)	4279666096 (0xFF1685B0)
YUV	104.7130, 35.1445, -72.5393
Hunter-Lab	44.8110, -12.4745, -26.9521

Details

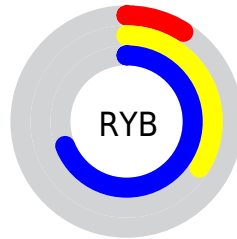
The Hex color **1685B0** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B04116**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **62BAE8**, and **00537B** is the 20% darker color. If you saturate the color by 10%, you get **0480B0**, and if you desaturate by 10%, it is **288AB0**.

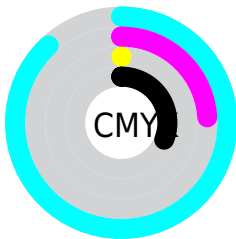
Distribution



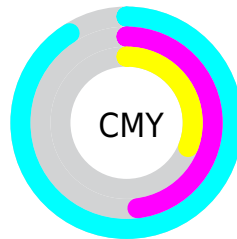
- Red (9%)
- Green (52%)
- Blue (69%)



- Red (9%)
- Yellow (34%)
- Blue (69%)



- Cyan (88%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (91%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1685B0 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 1685B0 by changing the saturation by 10% instead.

 1685B0

 1685B0

FFFFFF

 006C95

 62BAE8

 00537B

 80D6FF

 003C62

 9DF2FF

 00274A

 BBFFFF

 001033

 D9FFFF

 00021E

 F7FFFF

 000000

 1685B0

 1685B0

 0480B0

 288AB0

007FB0

398FB0

4B94B0

5C99B0

6E9EB0

80A2B0

91A7B0

A3ACB0

B4B1B0

Harmonies

Analogous

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



008A9D



1685B0



5A7DB5

Triad

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



1685B0



B36577



69844C

Complementary

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



1685B0



B04116

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.



887C41



1685B0



B0695B

Square

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



1685B0



A56894



A17247



458964

Rectangle

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



1685B0



7976AF



A17247



748247

Sweetspot

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



1685B0



AAD5E6



16B03F



4F6973



F2F2F2



737373

Same Dimension

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



1685B0



00A5E6



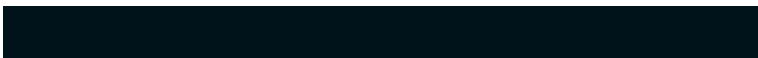
163AB0



505759



006E99



00121A

Inverse Universe

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



B01685



E600A5



B08C16



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color 1685B0 looks on a white background.

Color Contrast Check

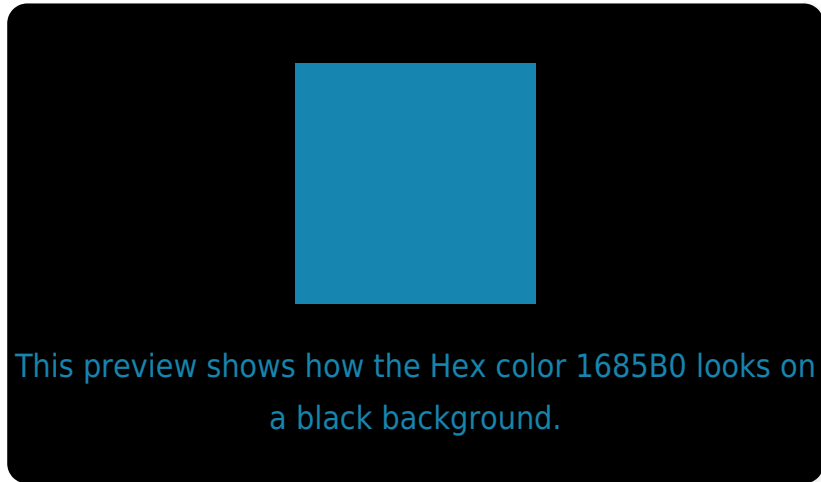
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

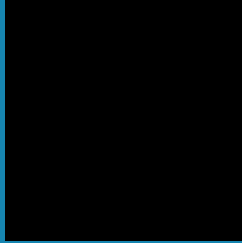
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1685B0 Background



This preview shows how black text looks on a background with the Hex color 1685B0.

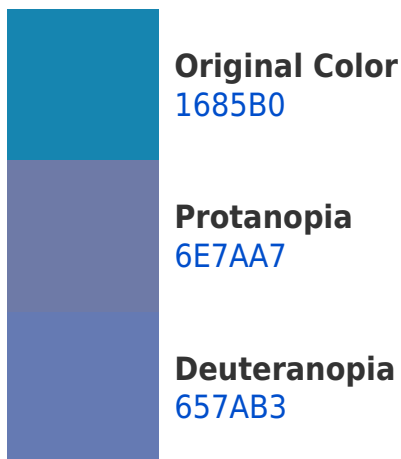


This preview shows how white text looks on a background with the Hex color 1685B0.

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](#).

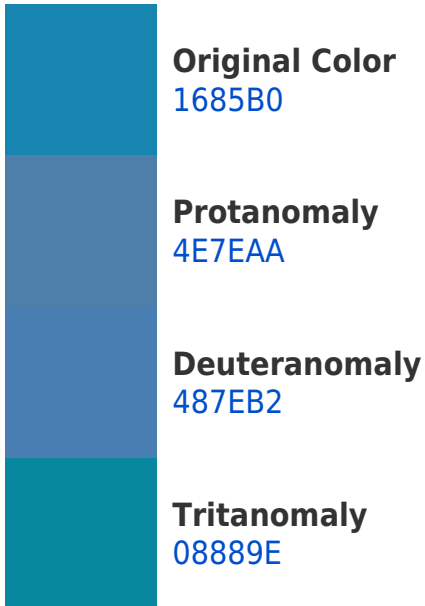
Dichromacy





Tritanopia
008994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1685B0 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 #1685B0 looks like.

```
.text, #text, p{  
    color:#1685B0  
}
```

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 #1685B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1685B0
}
```

Border

The CSS property to change the border of an element to Hex 1685B0 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
#1685B0 }
```

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

```
.border{ border-color:#1685B0 }
```

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

Here you see how a box with a 4 pixel #1685B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1685B0; -webkit-box-shadow:4px 4px  
4px 4px #1685B0; box-shadow:4px 4px 4px  
4px #1685B0 }
```

Background

The CSS property to change the background color of an element to Hex 1685B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1685B0 }
```

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

```
.background{ background-color:#1685B0 }
```

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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