

Converting Colors

Hex(1965C5)

Have a look what the booklet for
Hex(1965C5) contains.

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Color

Hex(1965C5)

Conversions

Conversions Part 1

Format	Color
Hex	1965C5
RGB	25, 101, 197
RGB Percent	10%, 40%, 77%
CMY	0.9020, 0.6039, 0.2275
CMYK	0.87, 0.49, 0.00, 0.23
HSL	213°, 77%, 44%
HSV	213°, 87%, 77%
XYZ	15.1326, 13.5453, 54.6402
YIQ	89.2200, -76.1120, 13.7440

Conversions

Conversions Part 2

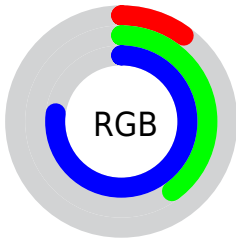
Format	Color
R_{YB}	25, 78, 197
Decimal	1664453
CIE _{Lab}	43.57, 14.21, -56.22
CIE _{LCh}	44, 57.989, 284.187
Yxy	13.5453, 0.1816, 0.1626
Android (android.graphics.Color)	4279854533 (0xFF1965C5)
YUV	89.2200, 53.1355, -56.3209
Hunter-Lab	36.8039, 8.9870, -62.2612

Details

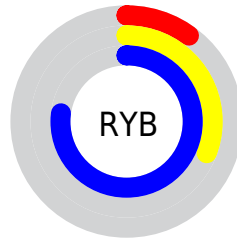
The Hex color **1965C5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C57919**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6797FE**, and **00388E** is the 20% darker color. If you saturate the color by 10%, you get **055AC5**, and if you desaturate by 10%, it is **2D70C5**.

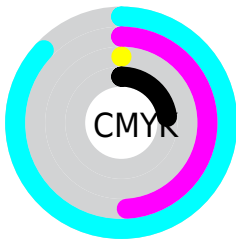
Distribution



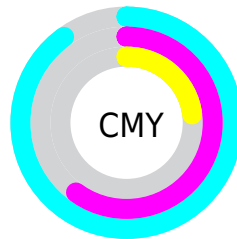
- Red (10%)
- Green (40%)
- Blue (77%)



- Red (10%)
- Yellow (31%)
- Blue (77%)



- Cyan (87%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (90%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1965C5 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 1965C5 by changing the saturation by 10% instead.

 1965C5

 1965C5

FFFFFF

 004EA9

 6797FE

 00388E

 86B2FF

 002374

 A4CDFF

 000E5B

 C2E9FF

 000743

 E1FFFF

 00032B

 000116

 000000

 1965C5

 1965C5

■ 055AC5

■ 2D70C5

■ 0057C5

■ 407BC5

■ 5486C5

■ 6891C5

■ 7B9CC5

■ 8FA7C5

■ A3B2C5

■ B7BDC5

■ CAC8C5

Harmonies

Analogous

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



0074C4



1965C5



854FAD

Triad

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



1965C5



AF4525



007B4B

Complementary

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



1965C5



C57919

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.



2D7619



1965C5



915B00

Square

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



1965C5



BC3252



676C00



007D7D

Rectangle

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



1965C5



A53E92



676C00



007A3A

Sweetspot

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



1965C5



BDDAFF



19C578



586980



000000



808080

Same Dimension

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



1965C5



0071FF



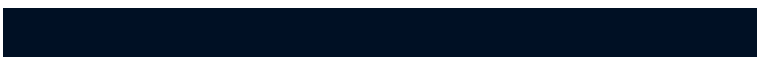
2219C5



5A5E63



0048A3



001024

Inverse Universe

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



C51965



FF0071



BCC519



635A5E



A30048



240010

Previews

White Background



This preview shows how the Hex color 1965C5 looks on a white background.

Color Contrast Check

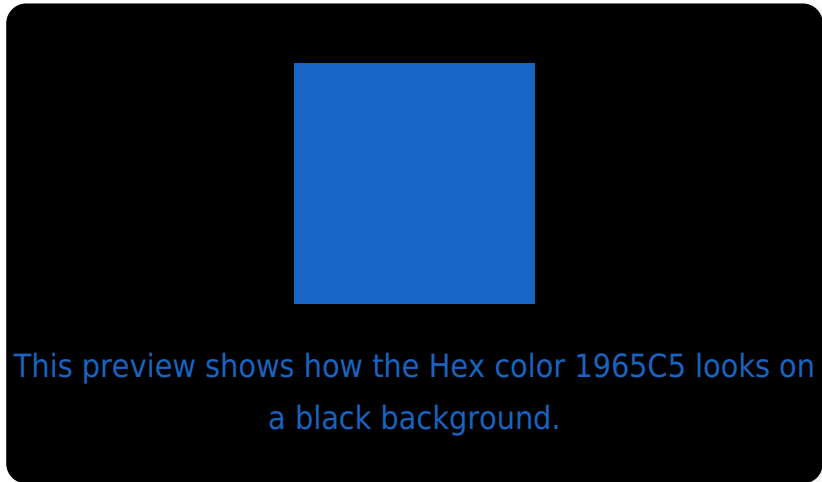
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

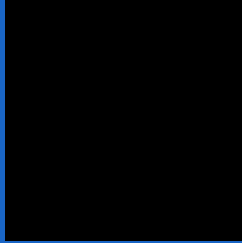
Any Text WCAG AA × Fail

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 1965C5 Background



This preview shows how black text looks on a background with the Hex color 1965C5.



This preview shows how white text looks on a background with the Hex color 1965C5.

Color Blindness Simulation

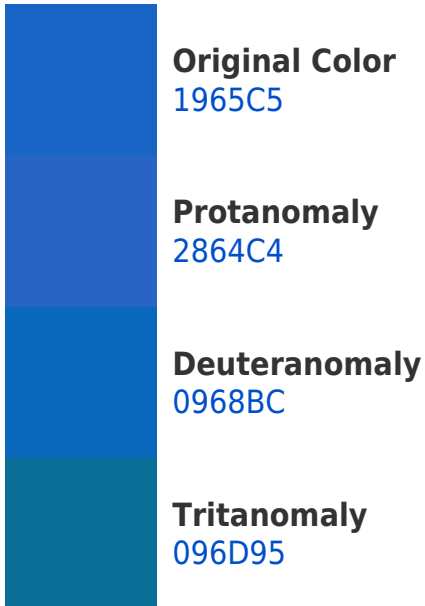
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

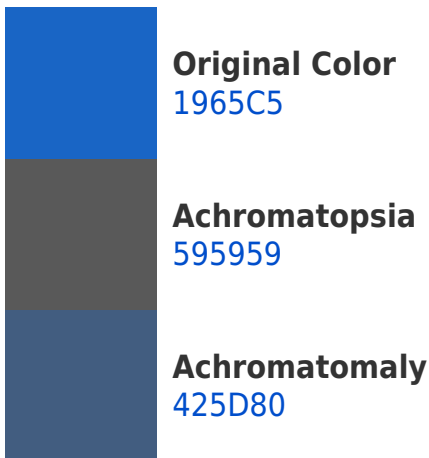




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1965C5 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 #1965C5 looks like.

```
.text, #text, p{  
    color:#1965C5  
}
```

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 #1965C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1965C5
}
```

Border

The CSS property to change the border of an element to Hex 1965C5 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
#1965C5 }
```

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

```
.border{ border-color:#1965C5 }
```

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

Here you see how a box with a 4 pixel #1965C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1965C5; -webkit-box-shadow:4px 4px  
4px 4px #1965C5; box-shadow:4px 4px 4px  
4px #1965C5 }
```

Background

The CSS property to change the background color of an element to Hex 1965C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1965C5 }
```

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

```
.background{ background-color:#1965C5 }
```

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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