

Converting Colors

Hex(1966B9)

Have a look what the booklet for
Hex(1966B9) contains.

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Color

Hex(1966B9)

Conversions

Conversions Part 1

Format	Color
Hex	1966B9
RGB	25, 102, 185
RGB Percent	10%, 40%, 73%
CMY	0.9020, 0.6000, 0.2745
CMYK	0.86, 0.45, 0.00, 0.27
HSL	211°, 76%, 41%
HSV	211°, 86%, 73%
XYZ	13.9092, 13.2122, 47.7161
YIQ	88.4390, -72.5350, 9.4890

Conversions

Conversions Part 2

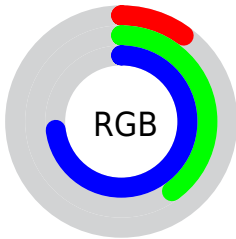
Format	Color
R_{YB}	25, 77, 185
Decimal	1664697
CIE _{Lab}	43.08, 8.83, -50.05
CIE _{LCh}	43, 50.822, 280.001
Yxy	13.2122, 0.1859, 0.1765
Android (android.graphics.Color)	4279854777 (0xFF1966B9)
YUV	88.4390, 47.6046, -55.6360
Hunter-Lab	36.3486, 4.6952, -52.3880

Details

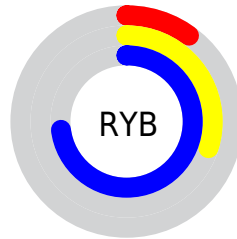
The Hex color **1966B9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B96C19**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6498F2**, and **003883** is the 20% darker color. If you saturate the color by 10%, you get **065CB9**, and if you desaturate by 10%, it is **2C70B9**.

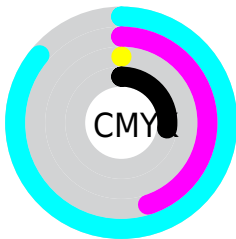
Distribution



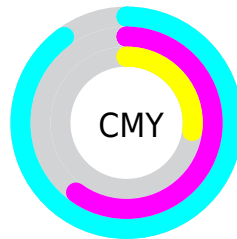
- Red (10%)
- Green (40%)
- Blue (73%)



- Red (10%)
- Yellow (30%)
- Blue (73%)



- Cyan (86%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1966B9 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 1966B9 by changing the saturation by 10% instead.

■ 1966B9

■ 1966B9

FFFFFF

■ 004E9E

■ 6498F2

■ 003883

■ 82B3FF

■ 002469

■ A0CEFF

■ 000E51

■ BEEAFF

■ 000539

■ DCFFFF

■ 000222

■ FAFFFF

■ 000009

■ 000000

■ 1966B9

■ 1966B9

065CB9

2C70B9

0059B9

3E79B9

5183B9

638CB9

7696B9

88A0B9

9BA9B9

ADB3B9

C0BCB9

Harmonies

Analogous

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



0072B5



1966B9



7954A7

Triad

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



1966B9



A94732



007747

Complementary

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



1966B9



B96C19

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.



3F721F



1966B9



91590E

Square

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



1966B9



B13B59



6D6800



007973

Rectangle

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



1966B9



984790



6D6800



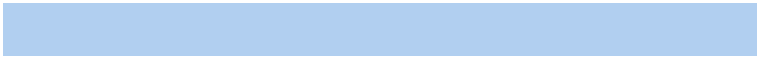
007639

Sweetspot

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



1966B9



B1CFF0



19B96C



536578



F7F7F7



787878

Same Dimension

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



1966B9



0073F0



1C19B9



53575C



004B9C



000D1C

Inverse Universe

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



B91966



F00073



B6B919



5C5357



9C004B



1C000D

Previews

White Background



This preview shows how the Hex color 1966B9 looks on a white background.

Color Contrast Check

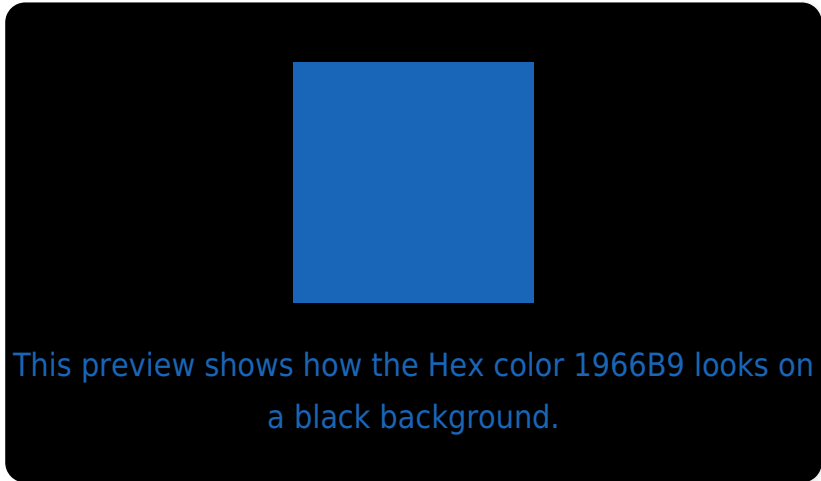
Large Text (above 18pt) WCAG AA ✓ Pass

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

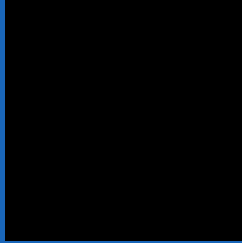
Any Text WCAG AA × Fail

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 1966B9 Background



This preview shows how black text looks on a background with the Hex color 1966B9.



This preview shows how white text looks on a background with the Hex color 1966B9.

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](#).

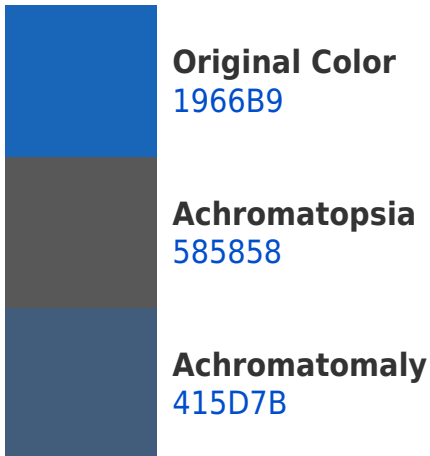
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1966B9 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 #1966B9 looks like.

```
.text, #text, p{  
    color:#1966B9  
}
```

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 #1966B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1966B9
}
```

Border

The CSS property to change the border of an element to Hex 1966B9 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
#1966B9 }
```

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

```
.border{ border-color:#1966B9 }
```

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

Here you see how a box with a 4 pixel #1966B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1966B9; -webkit-box-shadow:4px 4px  
4px 4px #1966B9; box-shadow:4px 4px 4px  
4px #1966B9 }
```

Background

The CSS property to change the background color of an element to Hex 1966B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1966B9 }
```

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

```
.background{ background-color:#1966B9 }
```

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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