

# Converting Colors

Hex(1956CB)

Have a look what the booklet for  
Hex(1956CB) contains.

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**Color**

**Hex(1956CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1956CB
RGB	25, 86, 203
RGB Percent	10%, 34%, 80%
CMY	0.9020, 0.6627, 0.2039
CMYK	0.88, 0.58, 0.00, 0.20
HSL	219°, 78%, 45%
HSV	219°, 88%, 80%
XYZ	14.5082, 11.1740, 57.8921
YIQ	81.0990, -73.9130, 23.4550

# Conversions

## Conversions Part 2

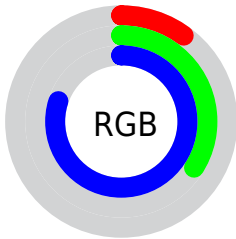
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 70, 203
Decimal	1660619
CIE <sub>Lab</sub>	39.87, 26.39, -65.69
CIE <sub>LCh</sub>	40, 70.796, 291.884
Yxy	11.1740, 0.1736, 0.1337
Android (android.graphics.Color)	4279850699 (0xFF1956CB)
YUV	81.0990, 60.0972, -49.1988
Hunter-Lab	33.4276, 18.9739, -79.2829

# Details

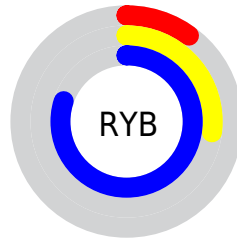
The Hex color **1956CB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CB8E19**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6987FF**, and **002A94** is the 20% darker color. If you saturate the color by 10%, you get **0549CB**, and if you desaturate by 10%, it is **2D63CB**.

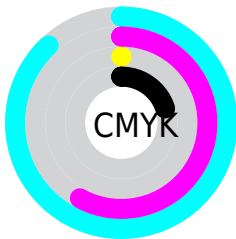
# Distribution



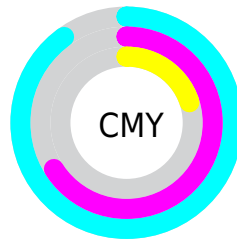
- Red (10%)
- Green (34%)
- Blue (80%)



- Red (10%)
- Yellow (27%)
- Blue (80%)



- Cyan (88%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (66%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1956CB 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 1956CB by changing the saturation by 10% instead.



 1956CB

 1956CB

FFFFFF

 003FAF

 6987FF

 002A94

 89A1FF

 001879

 A8BCFF

 000060

 C6D8FF

 000847

 E5F4FF

 00042F

 00011A

 000000

 1956CB

 1956CB

■ 0549CB

■ 2D63CB

■ 0046CB

■ 4271CB

■ 567ECB

■ 6A8BCB

■ 7F99CB

■ 93A6CB

■ A7B3CB

■ BBC1CB

■ D0CECB

# Harmonies

## Analogous

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



006AD2



1956CB



9133A6

# Triad

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



1956CB



A83900



00754C

# Complementary

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



1956CB



CB8E19

# 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.



007103



1956CB



805600

# Square

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



1956CB



BE0037



4B6800



007688

# Rectangle

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



1956CB



B00B83



4B6800



007437



# Sweetspot

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



1956CB



BDD3FF



19CB8D



586680



000000



808080



# Same Dimension

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



1956CB



0057FF



3419CB



5C5F66



0039A6



000D26



# Inverse Universe

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



CB1956



FF0057



B0CB19



665C5F



A60039



26000D



# Previews

## White Background



This preview shows how the Hex color 1956CB 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 1956CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

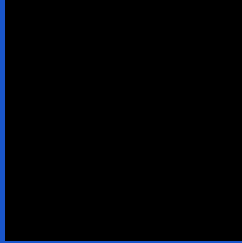
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1956CB Background



This preview shows how black text looks on a background with the Hex color 1956CB.

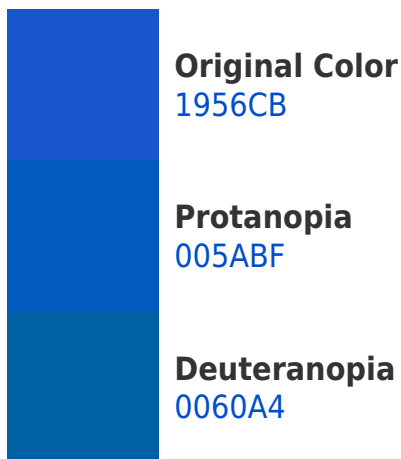


This preview shows how white text looks on a background with the Hex color 1956CB.

# 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](#).

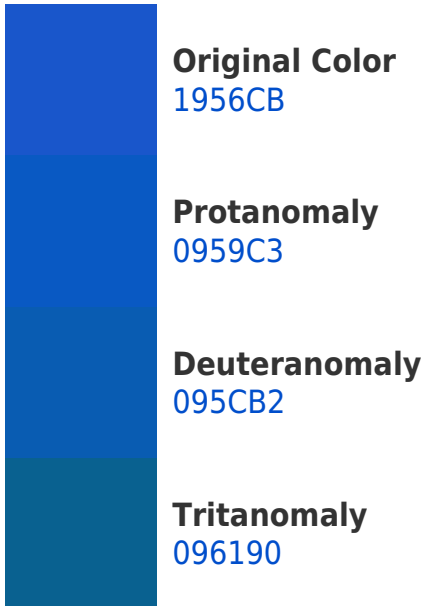
## Dichromacy



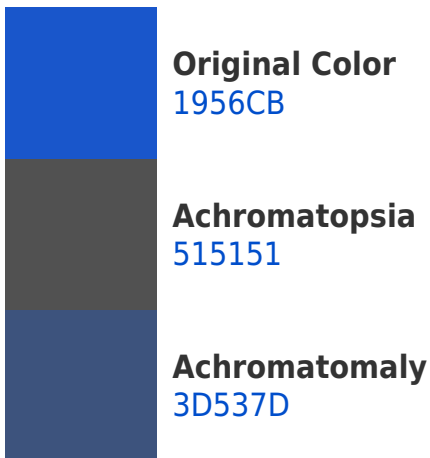


**Tritanopia**  
00686E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1956CB 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 #1956CB looks like.

```
.text, #text, p{  
    color:#1956CB  
}
```

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 #1956CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1956CB
}
```

## Border

The CSS property to change the border of an element to Hex 1956CB 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
#1956CB }
```

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

```
.border{ border-color:#1956CB }
```

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

Here you see how a box with a 4 pixel #1956CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1956CB; -webkit-box-shadow:4px 4px  
4px 4px #1956CB; box-shadow:4px 4px 4px  
4px #1956CB }
```

# Background

The CSS property to change the background color of an element to Hex 1956CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1956CB }
```

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

```
.background{ background-color:#1956CB }
```

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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