

# Converting Colors

Hex(1160AF)

Have a look what the booklet for  
Hex(1160AF) contains.

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# Color

**Hex(1160AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1160AF
RGB	17, 96, 175
RGB Percent	7%, 38%, 69%
CMY	0.9333, 0.6235, 0.3137
CMYK	0.90, 0.45, 0.00, 0.31
HSL	210°, 82%, 38%
HSV	210°, 90%, 69%
XYZ	12.1519, 11.5801, 42.1521
YIQ	81.3850, -72.4430, 7.8210

# Conversions

## Conversions Part 2

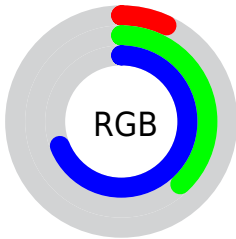
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	17, 70, 175
Decimal	1138863
CIE Lab	40.54, 8.18, -48.28
CIE LCh	41, 48.967, 279.612
Yxy	11.5801, 0.1844, 0.1758
Android (android.graphics.Color)	4279328943 (0xFF1160AF)
YUV	81.3850, 46.1522, -56.4656
Hunter-Lab	34.0295, 4.1906, -49.6216

# Details

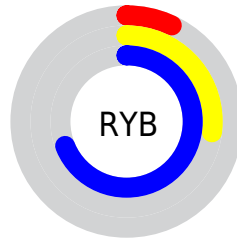
The Hex color **1160AF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AF6011**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5F92E7**, and **00337A** is the 20% darker color. If you saturate the color by 10%, you get **0058AF**, and if you desaturate by 10%, it is **2269AF**.

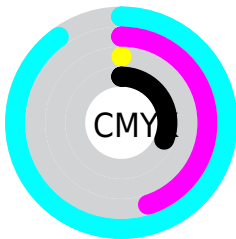
# Distribution



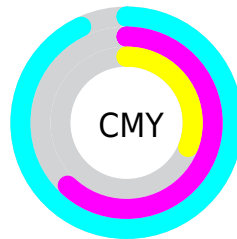
- Red (7%)
- Green (38%)
- Blue (69%)



- Red (7%)
- Yellow (27%)
- Blue (69%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (62%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1160AF 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 1160AF by changing the saturation by 10% instead.



■ 1160AF

■ 1160AF

FFFFFF

■ 004994

■ 5F92E7

■ 00337A

■ 7DACFF

■ 001F60

■ 9AC8FF

■ 000448

■ B8E3FF

■ 000431

■ D6FFFF

■ 00011B

■ F4FFFF

■ 000000

■ 1160AF

■ 1160AF

■ 0058AF

■ 2269AF

■ 3472AF

■ 467AAF

■ 5783AF

■ 698CAF

■ 7A94AF

■ 8B9DAF

■ 9DA6AF

■ AFAFAF

# Harmonies

## Analogous

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



006BAB



1160AF



714F9E

# Triad

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



1160AF



A0422E



007042

# Complementary

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



1160AF



AF6011

# 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.



3B6B1B



1160AF



89530C

# Square

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



1160AF



A73754



676200



00726C

# Rectangle

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



1160AF



8F4289



676200



006F35



# Sweetspot

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



1160AF



A6C4E3



11AF60



4E6073



F2F2F2



737373



# Same Dimension

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



1160AF



0071E3



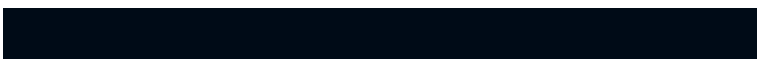
1111AF



4E5257



004B96



000B17



# Inverse Universe

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



AF1160



E30071



AFAF11



574E52



96004B



17000B



# Previews

## White Background



This preview shows how the Hex color 1160AF looks on a white background.

### Color Contrast Check

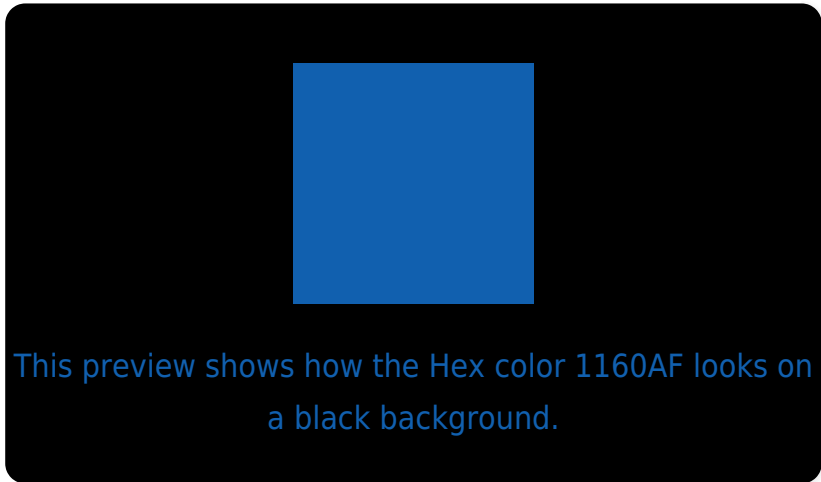
Large Text (above 18pt) WCAG AA ✓ Pass

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

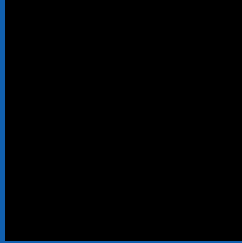
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1160AF Background



This preview shows how black text looks on a background with the Hex color 1160AF.

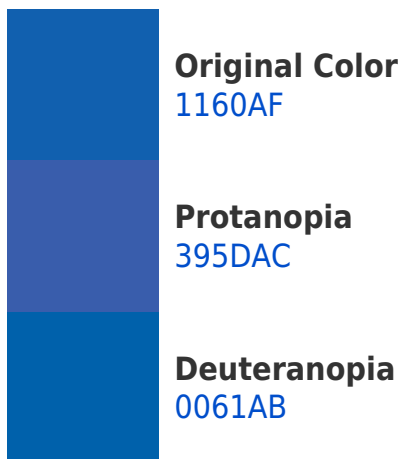


This preview shows how white text looks on a background with the Hex color 1160AF.

# 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](#).

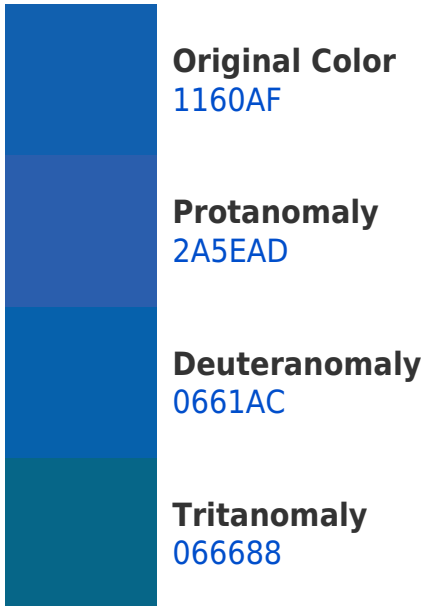
## Dichromacy



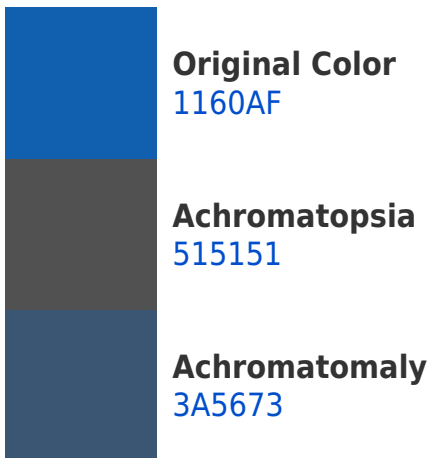


**Tritanopia**  
006A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1160AF 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 #1160AF looks like.

```
.text, #text, p{  
    color:#1160AF  
}
```

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 #1160AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1160AF
}
```

## Border

The CSS property to change the border of an element to Hex 1160AF 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
#1160AF }
```

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

```
.border{ border-color:#1160AF }
```

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

Here you see how a box with a 4 pixel #1160AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1160AF; -webkit-box-shadow:4px 4px  
4px 4px #1160AF; box-shadow:4px 4px 4px  
4px #1160AF }
```

# Background

The CSS property to change the background color of an element to Hex 1160AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1160AF }
```

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

```
.background{ background-color:#1160AF }
```

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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