

# Converting Colors

Hex(1664DF)

Have a look what the booklet for  
Hex(1664DF) contains.

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# Color

**Hex(1664DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1664DF
RGB	22, 100, 223
RGB Percent	9%, 39%, 87%
CMY	0.9137, 0.6078, 0.1255
CMYK	0.90, 0.55, 0.00, 0.13
HSL	217°, 82%, 48%
HSV	217°, 90%, 87%
XYZ	18.2073, 14.6126, 71.6729
YIQ	90.7000, -85.9710, 21.7170

# Conversions

## Conversions Part 2

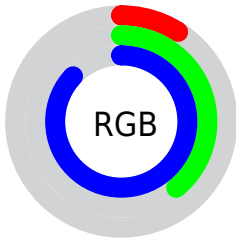
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	22, 78, 223
Decimal	1467615
CIE Lab	45.10, 24.87, -68.64
CIE LCh	45, 73.003, 289.920
Yxy	14.6126, 0.1742, 0.1398
Android (android.graphics.Color)	4279657695 (0xFF1664DF)
YUV	90.7000, 65.2239, -60.2499
Hunter-Lab	38.2265, 18.1235, -84.4076

# Details

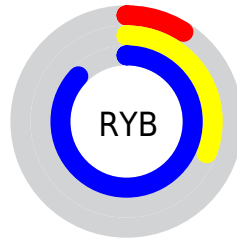
The Hex color **1664DF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DF9116**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6D96FF**, and **0037A7** is the 20% darker color. If you saturate the color by 10%, you get **0057DF**, and if you desaturate by 10%, it is **2C72DF**.

# Distribution



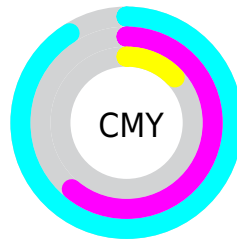
- Red (9%)
- Green (39%)
- Blue (87%)



- Red (9%)
- Yellow (31%)
- Blue (87%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (61%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1664DF 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 1664DF by changing the saturation by 10% instead.



■ 1664DF

■ 1664DF

FFFFFF

■ 004DC3

■ 6D96FF

■ 0037A7

■ 8EB1FF

■ 00238C

■ ADCCFF

■ 001171

■ CCE8FF

■ 000A58

■ EBFFFF

■ 00073F

■ 000329

■ 000112

■ 000000

■ 1664DF

■ 1664DF

■ 0057DF

■ 2C72DF

■ 437FDF

■ 598DDF

■ 6F9BDF

■ 86A8DF

■ 9CB6DF

■ B2C4DF

■ C8D1DF

■ DFDFDF

# Harmonies

## Analogous

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



0079E4



1664DF



9D42BA

# Triad

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



1664DF



BC4201



008353

# Complementary

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



1664DF



DF9116

# 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.



007E08



1664DF



936100

# Square

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



1664DF



D21546



5C7400



008493

# Rectangle

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



1664DF



C02396



5C7400



00823E



# Sweetspot

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



1664DF



BAD5FF



16DF8F



576780



000000



808080



# Same Dimension

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



1664DF



0063FF



2A16DF



656970



0044B0



001330



# Inverse Universe

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



DF1664



FF0063



CBDF16



706569



B00044



300013



# Previews

## White Background



This preview shows how the Hex color 1664DF looks on a white background.

## Color Contrast Check

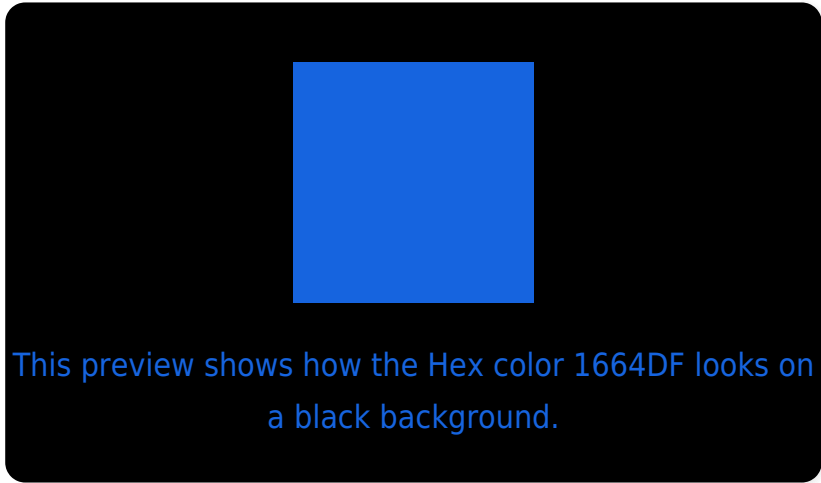
Large Text (above 18pt) WCAG AA ✓ Pass

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

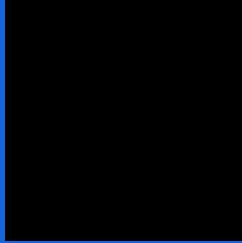
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

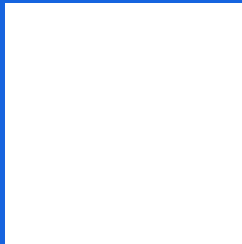
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1664DF Background



This preview shows how black text looks on a background with the Hex color 1664DF.

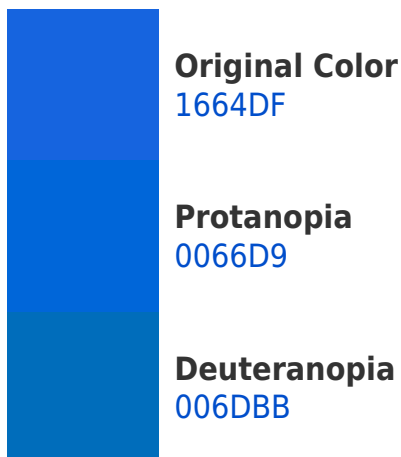


This preview shows how white text looks on a background with the Hex color 1664DF.

# 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](#).

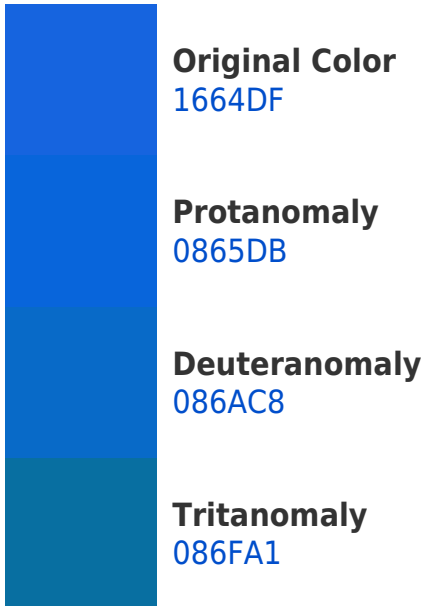
## Dichromacy



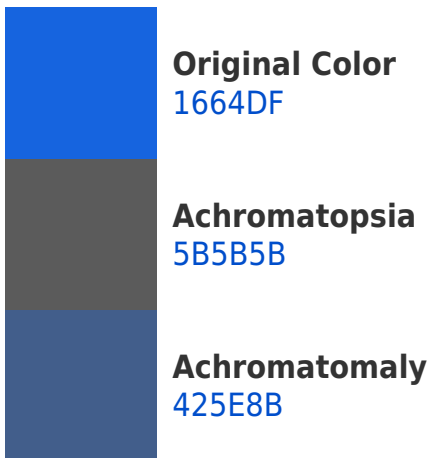


**Tritanopia**  
00767D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1664DF 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 #1664DF looks like.

```
.text, #text, p{  
  color:#1664DF  
}
```

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 #1664DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1664DF
}
```

## Border

The CSS property to change the border of an element to Hex 1664DF 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
#1664DF }
```

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

```
.border{ border-color:#1664DF }
```

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

Here you see how a box with a 4 pixel #1664DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1664DF; -webkit-box-shadow:4px 4px  
4px 4px #1664DF; box-shadow:4px 4px 4px  
4px #1664DF }
```

# Background

The CSS property to change the background color of an element to Hex 1664DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1664DF }
```

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

```
.background{ background-color:#1664DF }
```

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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