

# Converting Colors

Hex(3566DF)

Have a look what the booklet for  
Hex(3566DF) contains.

<b>Hex(3566DF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3566DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3566DF
RGB	53, 102, 223
RGB Percent	21%, 40%, 87%
CMY	0.7922, 0.6000, 0.1255
CMYK	0.76, 0.54, 0.00, 0.13
HSL	223°, 73%, 54%
HSV	223°, 76%, 87%
XYZ	19.5389, 15.5873, 71.7909
YIQ	101.1430, -68.0450, 27.2430

# Conversions

## Conversions Part 2

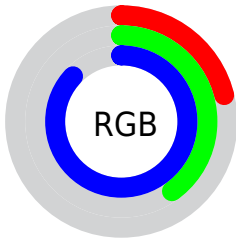
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 91, 223
Decimal	3499743
CIELab	46.43, 26.00, -66.44
CIElCh	46, 71.346, 291.375
Yxy	15.5873, 0.1827, 0.1458
Android (android.graphics.Color)	4281689823 (0xFF3566DF)
YUV	101.1430, 60.0755, -42.2214
Hunter-Lab	39.4808, 19.2473, -80.1749

# Details

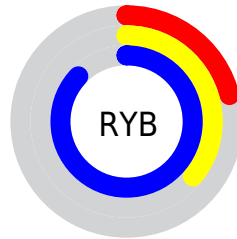
The Hex color **3566DF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DFAE35**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7B98FF**, and **0038A7** is the 20% darker color. If you saturate the color by 10%, you get **1F56DF**, and if you desaturate by 10%, it is **4B76DF**.

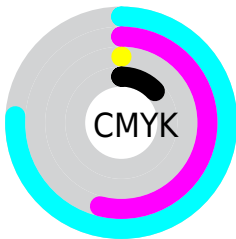
# Distribution



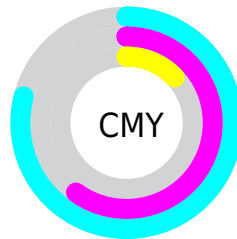
- Red (21%)
- Green (40%)
- Blue (87%)



- Red (21%)
- Yellow (36%)
- Blue (87%)



- Cyan (76%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (60%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3566DF 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 3566DF by changing the saturation by 10% instead.



 3566DF

 3566DF

FFFFFF

 004EC3

 7B98FF

 0038A7

 9AB3FF

 00248C

 B9CEFF

 001371

 D8EAFF

 000458

 F6FFFF

 000740

 000329

 000113

 000000

 3566DF

 3566DF

 1F56DF

 4B76DF

 0846DF

 6286DF

 0040DF

 7896DF

 8EA5DF

 A5B5DF

 BBC5DF

 D1D5DF

 E7E5DF

 FEF5DF

# Harmonies

## Analogous

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



007BE6



3566DF



A345BA

# Triad

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



3566DF



BD4905



00865A

# Complementary

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



3566DF



DFAE35

# 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.



008217



3566DF



946500

# Square

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



3566DF



D32347



5D7800



008898

# Rectangle

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



3566DF



C42B96



5D7800



008545



# Sweetspot

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



3566DF



C4D5FF



35DFAC



5C6680



000000



808080



# Same Dimension

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



3566DF



175AFF



5735DF



656870



0033B0



000E30



# Inverse Universe

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



DF3566



FF175A



BDDF35



706568



B00033



30000E



# Previews

## White Background



This preview shows how the Hex color 3566DF looks on a white background.

## Color Contrast Check

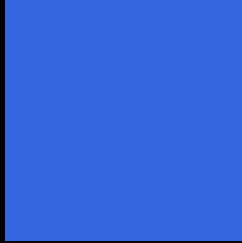
Large Text (above 18pt) WCAG AA ✓ Pass

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 3566DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

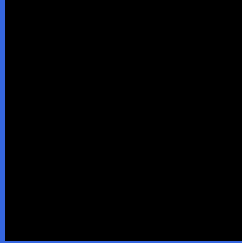
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3566DF Background



This preview shows how black text looks on a background with the Hex color 3566DF.



This preview shows how white text looks on a background with the Hex color 3566DF.

# Color Blindness Simulation

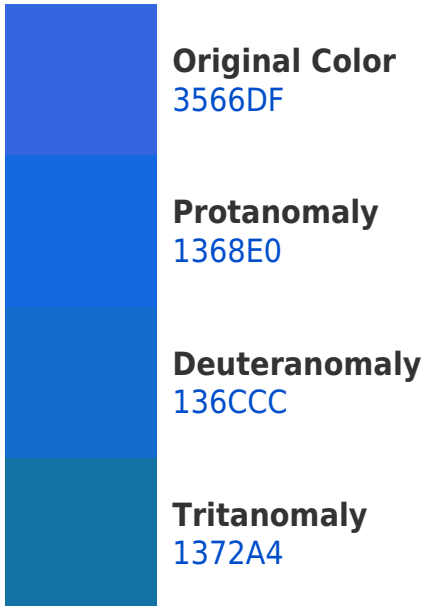
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3566DF 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 #3566DF looks like.

```
.text, #text, p{  
    color:#3566DF  
}
```

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 #3566DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3566DF
}
```

## Border

The CSS property to change the border of an element to Hex 3566DF 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
#3566DF }
```

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

```
.border{ border-color:#3566DF }
```

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

Here you see how a box with a 4 pixel #3566DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3566DF; -webkit-box-shadow:4px 4px  
4px 4px #3566DF; box-shadow:4px 4px 4px  
4px #3566DF }
```

# Background

The CSS property to change the background color of an element to Hex 3566DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3566DF }
```

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

```
.background{ background-color:#3566DF }
```

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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