

# Converting Colors

Hex(1363CF)

Have a look what the booklet for  
Hex(1363CF) contains.

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# Color

Hex(1363CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1363CF
RGB	19, 99, 207
RGB Percent	7%, 39%, 81%
CMY	0.9255, 0.6118, 0.1882
CMYK	0.91, 0.52, 0.00, 0.19
HSL	214°, 83%, 44%
HSV	214°, 91%, 81%
XYZ	15.9929, 13.5671, 60.8073
YIQ	87.3920, -82.3480, 16.6280

# Conversions

## Conversions Part 2

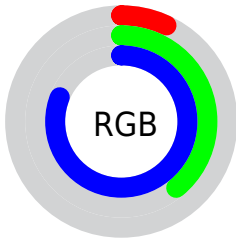
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 75, 207
Decimal	1270735
CIELab	43.61, 19.12, -61.93
CIELCh	44, 64.815, 287.153
Yxy	13.5671, 0.1770, 0.1501
Android (android.graphics.Color)	4279460815 (0xFF1363CF)
YUV	87.3920, 58.9667, -59.9798
Hunter-Lab	36.8336, 13.0447, -72.0963

# Details

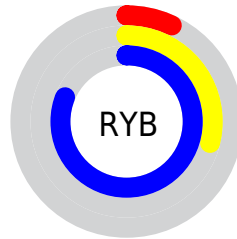
The Hex color **1363CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **CF7F13**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6895FF**, and **003698** is the 20% darker color. If you saturate the color by 10%, you get **0058CF**, and if you desaturate by 10%, it is **286FCF**.

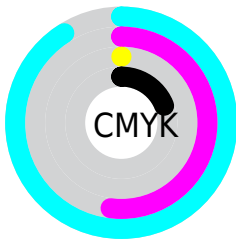
# Distribution



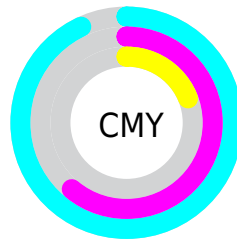
- Red (7%)
- Green (39%)
- Blue (81%)



- Red (7%)
- Yellow (29%)
- Blue (81%)



- Cyan (91%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (93%)
- Magenta (61%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1363CF 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 1363CF by changing the saturation by 10% instead.



 1363CF

 1363CF

FFFFFF

 004CB3

 6895FF

 003698

 88AFFF

 00227D

 A6CBFF

 000E63

 C5E7FF

 00094B

 E4FFFF

 000433

 00021D

 000000

 1363CF

 1363CF

■ 0058CF

■ 286FCF

■ 3C7BCF

■ 5187CF

■ 6693CF

■ 7A9ECF

■ 8FAACF

■ A4B6CF

■ B9C2CF

■ CDCECF

# Harmonies

## Analogous

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



0074D1



1363CF



8E48B1

# Triad

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



1363CF



B34216



007D4D

# Complementary

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



1363CF



CF7F13

# 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.



0D7810



1363CF



905C00

# Square

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



1363CF



C4264B



606E00



007E85

# Rectangle

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



1363CF



B03292



606E00



007C3A



# Sweetspot

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



1363CF



BAD7FF



13CF7E



576880



000000



808080



# Same Dimension

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



1363CF



006DFF



2013CF



5E6369



0048A8



001129



# Inverse Universe

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



CF1363



FF006D



C2CF13



695E63



A80048



290011



# Previews

## White Background



This preview shows how the Hex color 1363CF looks on a white background.

## Color Contrast Check

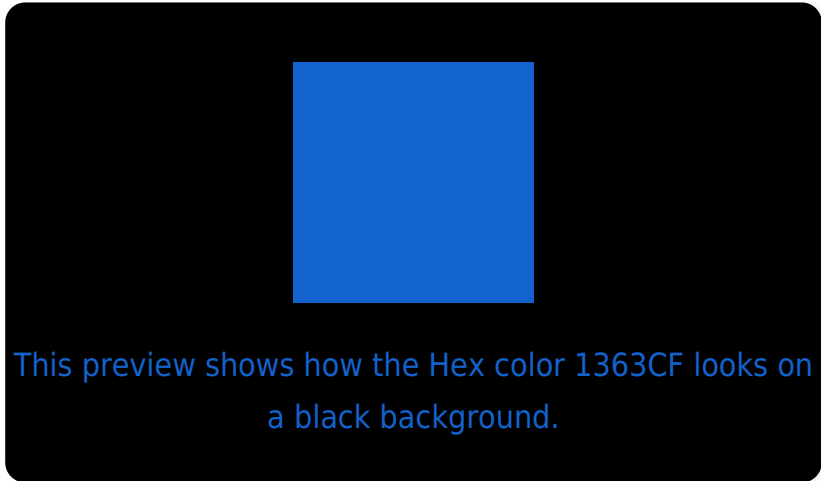
Large Text (above 18pt) WCAG AA ✓ Pass

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

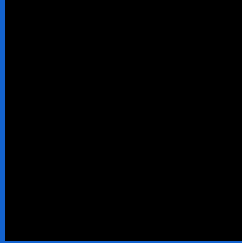
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

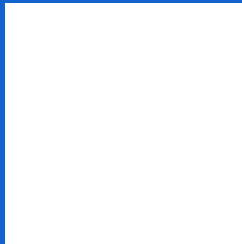
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1363CF Background



This preview shows how black text looks on a background with the Hex color 1363CF.



This preview shows how white text looks on a background with the Hex color 1363CF.

# 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



**Original Color**  
1363CF

**Protanomaly**  
1763CF

**Deuteranomaly**  
0767BF

**Tritanomaly**  
076D98

# Monochromacy



**Original Color**  
1363CF

**Achromatopsia**  
575757

**Achromatomaly**  
3E5B83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1363CF 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 #1363CF looks like.

```
.text, #text, p{  
    color:#1363CF  
}
```

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 #1363CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1363CF
}
```

## Border

The CSS property to change the border of an element to Hex 1363CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

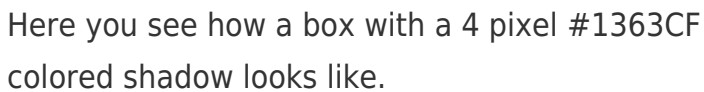
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1363CF }
```

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

```
.border{ border-color:#1363CF }
```

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



Here you see how a box with a 4 pixel #1363CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1363CF; -webkit-box-shadow:4px 4px  
4px 4px #1363CF; box-shadow:4px 4px 4px  
4px #1363CF }
```

# Background

The CSS property to change the background color of an element to Hex 1363CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1363CF }
```

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

```
.background{ background-color:#1363CF }
```

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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