

Converting Colors

Hex(3C63D6)

Have a look what the booklet for
Hex(3C63D6) contains.

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Color

Hex(3C63D6)

Conversions

Conversions Part 1

Format	Color
Hex	3C63D6
RGB	60, 99, 214
RGB Percent	24%, 39%, 84%
CMY	0.7647, 0.6118, 0.1608
CMYK	0.72, 0.54, 0.00, 0.16
HSL	225°, 65%, 54%
HSV	225°, 72%, 84%
XYZ	18.4629, 14.7394, 65.4902
YIQ	100.4490, -60.1590, 27.4970

Conversions

Conversions Part 2

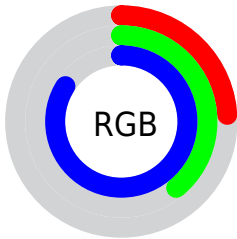
Format	Color
R _Y B	60, 91, 214
Decimal	3957718
CIE Lab	45.28, 25.46, -63.18
CIE LCh	45, 68.113, 291.945
Yxy	14.7394, 0.1871, 0.1493
Android (android.graphics.Color)	4282147798 (0xFF3C63D6)
YUV	100.4490, 55.9806, -35.4738
Hunter-Lab	38.3919, 18.6560, -74.2646

Details

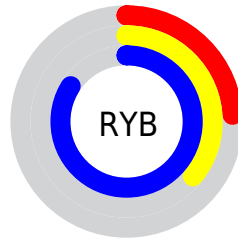
The Hex color **3C63D6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D6AF3C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7E95FF**, and **00359E** is the 20% darker color. If you saturate the color by 10%, you get **2753D6**, and if you desaturate by 10%, it is **5173D6**.

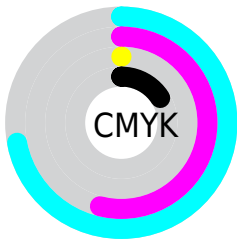
Distribution



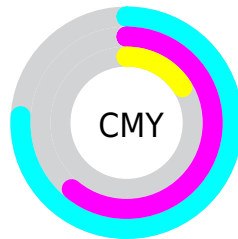
- Red (24%)
- Green (39%)
- Blue (84%)



- Red (24%)
- Yellow (36%)
- Blue (84%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (61%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C63D6 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 3C63D6 by changing the saturation by 10% instead.

■ 3C63D6

■ 3C63D6

FFFFFF

■ 004CBA

■ 7E95FF

■ 00359E

■ 9CB0FF

■ 002183

■ BBCBFF

■ 000F6A

■ D9E7FF

■ 000750

■ F7FFFF

■ 000538

■ 000222


■ 000008

■ 000000

 3C63D6

 3C63D6

 2753D6

 5173D6

 1143D6

 6783D6

 0036D6

 7C93D6

 92A3D6

 A7B3D6

 BCC3D6

 D2D3D6

 E7E3D6

 FDF3D6

Harmonies

Analogous

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



0077DD



3C63D6



9F44B2

Triad

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



3C63D6



B64908



008359

Complementary

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



3C63D6



D6AF3C

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.



007E1B



3C63D6



8F6300

Square

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



3C63D6



CC2845



5A7500



008494

Rectangle

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



3C63D6



BD2D90



5A7500



008245

Sweetspot

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



3C63D6



C7D5FF



3CD6AD



5E6780



000000



808080

Same Dimension

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



3C63D6



245BFF



603CD6



60636B



002BAB



000B2B

Inverse Universe

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



D63C63



FF245B



B2D63C



6B6063



AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 3C63D6 looks on a white background.

Color Contrast Check

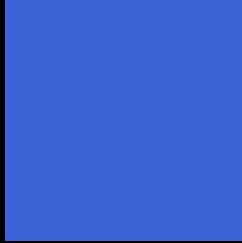
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C63D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

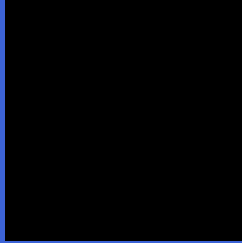
Any Text WCAG AA × Fail

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 3C63D6 Background



This preview shows how black text looks on a background with the Hex color 3C63D6.

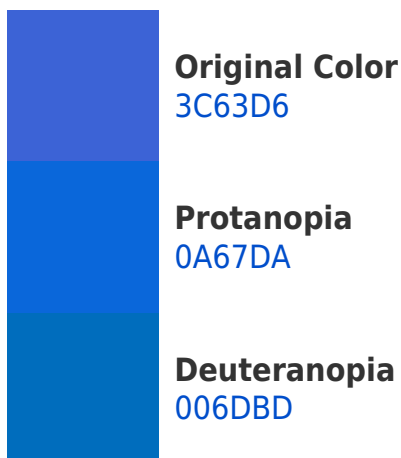


This preview shows how white text looks on a background with the Hex color 3C63D6.

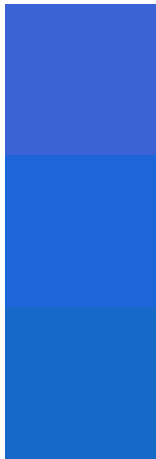
Color Blindness Simulation

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
3C63D6

Protanomaly
1C66D9

Deuteranomaly
1669C6

Monochromacy



Original Color
3C63D6

Achromatopsia
646464

Achromatomaly
55648D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C63D6 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 #3C63D6 looks like.

```
.text, #text, p{  
    color:#3C63D6  
}
```

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 #3C63D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C63D6  
}
```

Border

The CSS property to change the border of an element to Hex 3C63D6 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  
#3C63D6 }
```

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

```
.border{ border-color:#3C63D6 }
```

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

Here you see how a box with a 4 pixel #3C63D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C63D6; -webkit-box-shadow:4px 4px  
4px 4px #3C63D6; box-shadow:4px 4px 4px  
4px #3C63D6 }
```

Background

The CSS property to change the background color of an element to Hex 3C63D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C63D6 }
```

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

```
.background{ background-color:#3C63D6 }
```

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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