

Converting Colors

Hex(336DD0)

Have a look what the booklet for
Hex(336DD0) contains.

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Color

Hex(336DD0)

Conversions

Conversions Part 1

Format	Color
Hex	336DD0
RGB	51, 109, 208
RGB Percent	20%, 43%, 82%
CMY	0.8000, 0.5725, 0.1843
CMYK	0.75, 0.48, 0.00, 0.18
HSL	218°, 63%, 51%
HSV	218°, 75%, 82%
XYZ	18.2190, 16.1952, 61.8402
YIQ	102.9440, -66.3470, 18.4930

Conversions

Conversions Part 2

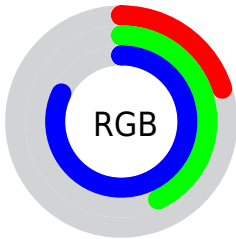
Format	Color
R_{YB}	51, 93, 208
Decimal	3370448
CIE _{Lab}	47.23, 15.75, -56.61
CIE _{LCh}	47, 58.762, 285.548
Yxy	16.1952, 0.1893, 0.1683
Android (android.graphics.Color)	4281560528 (0xFF336DD0)
YUV	102.9440, 51.7926, -45.5549
Hunter-Lab	40.2432, 10.3856, -62.9385

Details

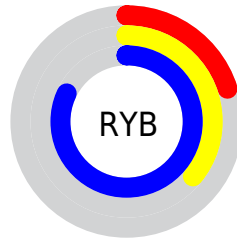
The Hex color **336DD0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D09633**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **76A0FF**, and **003F99** is the 20% darker color. If you saturate the color by 10%, you get **1E60D0**, and if you desaturate by 10%, it is **487AD0**.

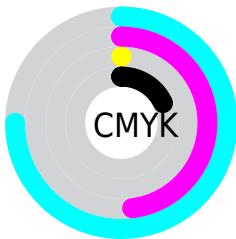
Distribution



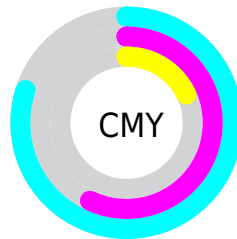
- Red (20%)
- Green (43%)
- Blue (82%)



- Red (20%)
- Yellow (36%)
- Blue (82%)



- Cyan (75%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336DD0 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 336DD0 by changing the saturation by 10% instead.

■ 336DD0

■ 336DD0

FFFFFF

■ 0055B4

■ 76A0FF

■ 003F99

■ 95BBFF

■ 002A7E

■ B3D6FF

■ 001765

■ D1F3FF

■ 00064C

■ EFFFFFF

■ 000434

■ 00021E

■ 000000

■ 336DD0

■ 336DD0

■ 1E60D0

■ 487AD0

■ 0953D0

■ 5D87D0

■ 004DD0

■ 7194D0

■ 86A1D0

■ 9BAFD0

■ B0BCD0

■ C5C9D0

■ D9D6D0

■ EEE3D0

Harmonies

Analogous

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



007CD0



336DD0



9256B6

Triad

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



336DD0



BA4F2A



008556

Complementary

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



336DD0



D09633

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.



328023



336DD0



9A6500

Square

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



336DD0



C83C59



6F7600



008789

Rectangle

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



336DD0



B2469A



6F7600



008445

Sweetspot

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



336DD0



C4DAFF



33D094



5C6980



000000



808080

Same Dimension

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



336DD0



176DFF



4533D0



5E6269



003EA8



000F29

Inverse Universe

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



D0336D



FF176D



BED033



695E62



A8003E



29000F

Previews

White Background



This preview shows how the Hex color 336DD0 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 336DD0 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 336DD0 Background



This preview shows how black text looks on a background with the Hex color 336DD0.



This preview shows how white text looks on a background with the Hex color 336DD0.

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](#).

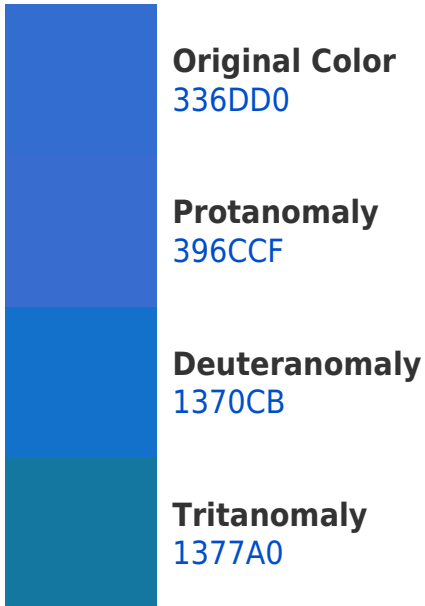
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 336DD0 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 #336DD0 looks like.

```
.text, #text, p{  
    color:#336DD0  
}
```

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 #336DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336DD0
}
```

Border

The CSS property to change the border of an element to Hex 336DD0 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
#336DD0 }
```

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

```
.border{ border-color:#336DD0 }
```

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

Here you see how a box with a 4 pixel #336DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336DD0; -webkit-box-shadow:4px 4px  
4px 4px #336DD0; box-shadow:4px 4px 4px  
4px #336DD0 }
```

Background

The CSS property to change the background color of an element to Hex 336DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336DD0 }
```

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

```
.background{ background-color:#336DD0 }
```

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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