

Converting Colors

Hex(336CD6)

Have a look what the booklet for
Hex(336CD6) contains.

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Color

Hex(336CD6)

Conversions

Conversions Part 1

Format	Color
Hex	336CD6
RGB	51, 108, 214
RGB Percent	20%, 42%, 84%
CMY	0.8000, 0.5765, 0.1608
CMYK	0.76, 0.50, 0.00, 0.16
HSL	219°, 67%, 52%
HSV	219°, 76%, 84%
XYZ	18.8654, 16.2840, 65.7671
YIQ	103.0410, -67.9980, 20.8820

Conversions

Conversions Part 2

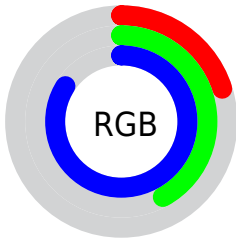
Format	Color
R_{YB}	51, 93, 214
Decimal	3370198
CIE _{Lab}	47.34, 18.62, -59.85
CIE _{LCh}	47, 62.678, 287.285
Yxy	16.2840, 0.1869, 0.1614
Android (android.graphics.Color)	4281560278 (0xFF336CD6)
YUV	103.0410, 54.7028, -45.6400
Hunter-Lab	40.3534, 12.8311, -68.3822

Details

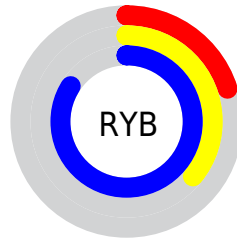
The Hex color **336CD6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D69D33**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **789FFF**, and **003E9E** is the 20% darker color. If you saturate the color by 10%, you get **1E5ED6**, and if you desaturate by 10%, it is **487AD6**.

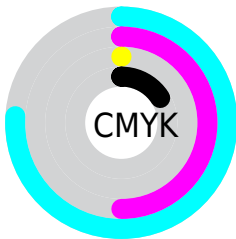
Distribution



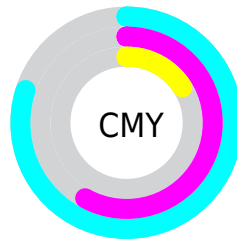
- Red (20%)
- Green (42%)
- Blue (84%)



- Red (20%)
- Yellow (36%)
- Blue (84%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336CD6 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 336CD6 by changing the saturation by 10% instead.

■ 336CD6

■ 336CD6

FFFFFF

■ 0054BA

■ 789FFF

■ 003E9E

■ 96BAFF

■ 002984

■ B5D5FF

■ 00176A

■ D3F1FF

■ 000551

■ F2FFFF

■ 000539

■ 000222

■ 000009

■ 000000

■ 336CD6

■ 336CD6

■ 1E5ED6

■ 487AD6

■ 0850D6

■ 5E88D6

■ 004BD6

■ 7396D6

■ 89A4D6

■ 9EB2D6

■ B3BFD6

■ C9CDD6

■ DEDBD6

■ F4E9D6

Harmonies

Analogous

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



007DD8



336CD6



9853B9

Triad

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



336CD6



BD4E22



008657

Complementary

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



336CD6



D69D33

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.



248120



336CD6



9A6600

Square

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



336CD6



CD3754



6B7700



00888E

Rectangle

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



336CD6



B8409A



6B7700



008545

Sweetspot

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



336CD6



C4D9FF



33D69D



5C6880



000000



808080

Same Dimension

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



336CD6



1768FF



4B33D6



60646B



003CAB



000F2B

Inverse Universe

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



D6336C



FF1768



BED633



6B6064



AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 336CD6 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 336CD6 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

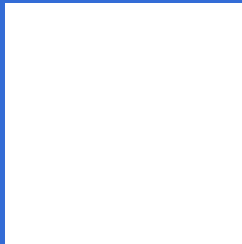
Any Text WCAG AAA × Fail

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

Hex 336CD6 Background



This preview shows how black text looks on a background with the Hex color 336CD6.



This preview shows how white text looks on a background with the Hex color 336CD6.

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](#).

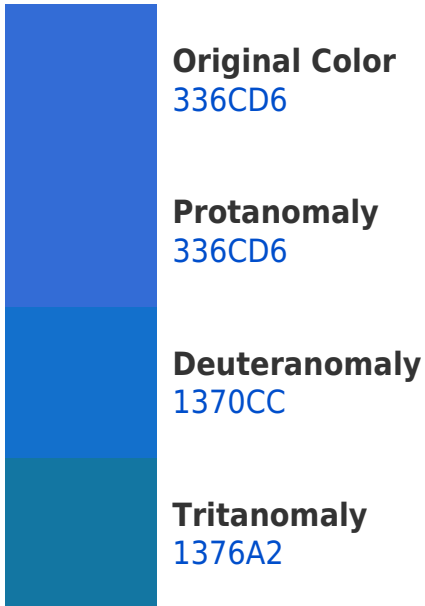
Dichromacy



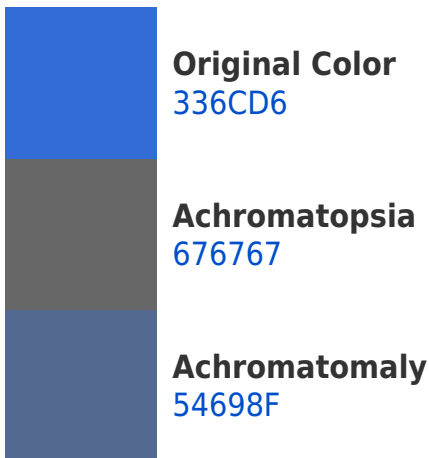


Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 336CD6 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 #336CD6 looks like.

```
.text, #text, p{  
    color:#336CD6  
}
```

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 #336CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336CD6
}
```

Border

The CSS property to change the border of an element to Hex 336CD6 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
#336CD6 }
```

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

```
.border{ border-color:#336CD6 }
```

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

Here you see how a box with a 4 pixel #336CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336CD6; -webkit-box-shadow:4px 4px  
4px 4px #336CD6; box-shadow:4px 4px 4px  
4px #336CD6 }
```

Background

The CSS property to change the background color of an element to Hex 336CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336CD6 }
```

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

```
.background{ background-color:#336CD6 }
```

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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