

Converting Colors

Hex(336597)

Have a look what the booklet for
Hex(336597) contains.

Hex(336597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(336597)

Conversions

Conversions Part 1

Format	Color
Hex	336597
RGB	51, 101, 151
RGB Percent	20%, 40%, 59%
CMY	0.8000, 0.6039, 0.4078
CMYK	0.66, 0.33, 0.00, 0.41
HSL	210°, 50%, 40%
HSV	210°, 66%, 59%
XYZ	11.6048, 12.2455, 31.0301
YIQ	91.7500, -45.8500, 4.9500

Conversions

Conversions Part 2

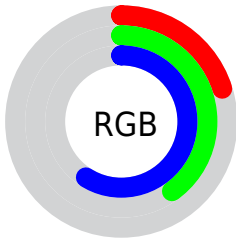
Format	Color
RYB	51, 84, 151
Decimal	3368343
CIELab	41.60, -0.24, -32.30
CIELCh	42, 32.299, 269.568
Yxy	12.2455, 0.2115, 0.2231
Android (android.graphics.Color)	4281558423 (0xFF336597)
YUV	91.7500, 29.2102, -35.7377
Hunter-Lab	34.9936, -2.0434, -28.0791

Details

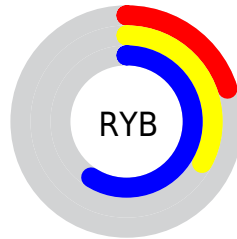
The Hex color **336597** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **976533**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6C98CE**, and **003764** is the 20% darker color. If you saturate the color by 10%, you get **245D97**, and if you desaturate by 10%, it is **426D97**.

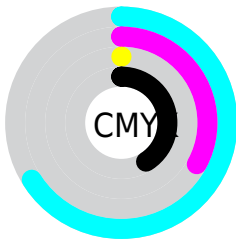
Distribution



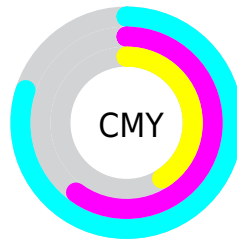
- Red (20%)
- Green (40%)
- Blue (59%)



- Red (20%)
- Yellow (33%)
- Blue (59%)



- Cyan (66%)
- Magenta (33%)
- Yellow (0%)
- Black (41%)



- Cyan (80%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336597 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 336597 by changing the saturation by 10% instead.

■ 336597

■ 336597

FFFFFF

■ 0E4D7D

■ 6C98CE

■ 003764

■ 87B2EA

■ 00224C

■ A3CEFF

■ 000A35

■ C0EAFF

■ 00021F

■ DDFFFF

■ 000001

■ FAFFFF

■ 000000

■ 336597

■ 336597

■ 245D97

■ 426D97

■ 155697

■ 517497

■ 064E97

■ 607C97

■ 004C97

■ 6F8397

■ 7F8B97

■ 8E9297

■ 9D9A97

■ ACA197

■ BBA997

Harmonies

Analogous

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



006C8F



336597



635B90

Triad

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



336597



934F49



366D46

Complementary

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



336597



976533

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.



576832



336597



875735

Square

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



336597



924C64



72612C



007061

Rectangle

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



336597



7A5585



72612C



426C3F

Sweetspot

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



336597



9DB1C4



339765



4C5863



E3E3E3



636363

Same Dimension

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



336597



2977C4



333397



45494D



00468C



00060D

Inverse Universe

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



973365



C42977



979733



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 336597 looks on a white background.

Color Contrast Check

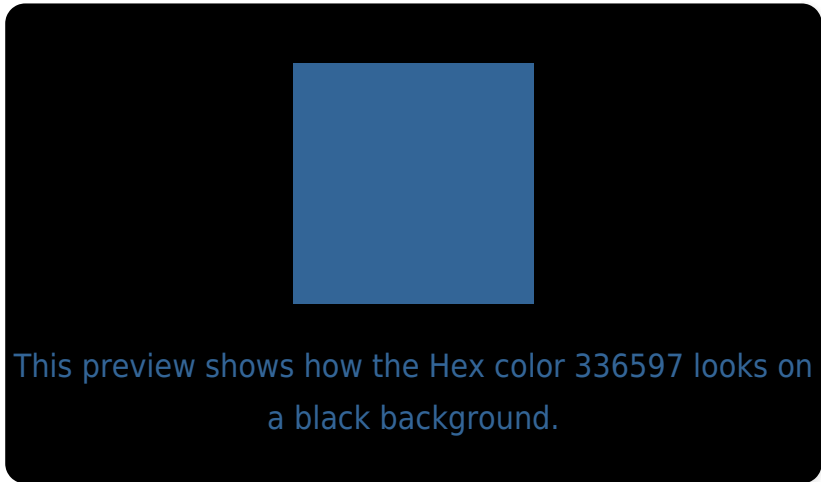
Large Text (above 18pt) WCAG AA ✓ Pass

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 336597 Background



This preview shows how black text looks on a background with the Hex color 336597.



This preview shows how white text looks on a background with the Hex color 336597.

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](#).

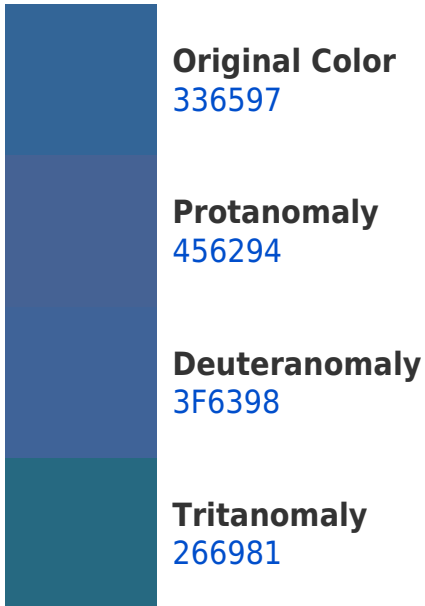
Dichromacy



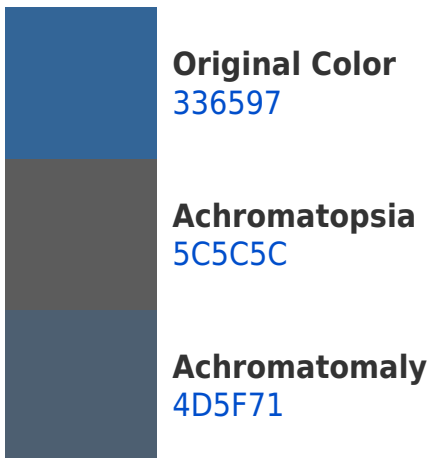


Tritanopia
1E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 336597 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 #336597 looks like.

```
.text, #text, p{  
    color:#336597  
}
```

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 #336597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336597
}
```

Border

The CSS property to change the border of an element to Hex 336597 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
#336597 }
```

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

```
.border{ border-color:#336597 }
```

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

Here you see how a box with a 4 pixel #336597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336597; -webkit-box-shadow:4px 4px  
4px 4px #336597; box-shadow:4px 4px 4px  
4px #336597 }
```

Background

The CSS property to change the background color of an element to Hex 336597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336597 }
```

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

```
.background{ background-color:#336597 }
```

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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