

Converting Colors

Hex(337E99)

Have a look what the booklet for
Hex(337E99) contains.

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Color

Hex(337E99)

Conversions

Conversions Part 1

Format	Color
Hex	337E99
RGB	51, 126, 153
RGB Percent	20%, 49%, 60%
CMY	0.8000, 0.5059, 0.4000
CMYK	0.67, 0.18, 0.00, 0.40
HSL	196°, 50%, 40%
HSV	196°, 67%, 60%
XYZ	14.5759, 17.9254, 32.8287
YIQ	106.6530, -53.3670, -7.5030

Conversions

Conversions Part 2

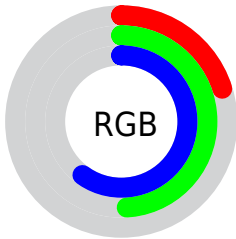
Format	Color
RYB	51, 94, 153
Decimal	3374745
CIELab	49.41, -14.29, -21.34
CIELCh	49, 25.684, 236.195
Yxy	17.9254, 0.2231, 0.2744
Android (android.graphics.Color)	4281564825 (0xFF337E99)
YUV	106.6530, 22.8491, -48.8077
Hunter-Lab	42.3384, -12.6400, -16.3359

Details

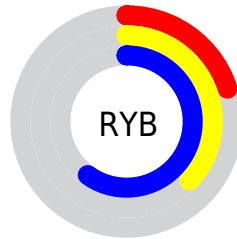
The Hex color **337E99** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **994E33**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6DB3CF**, and **004D66** is the 20% darker color. If you saturate the color by 10%, you get **247A99**, and if you desaturate by 10%, it is **428299**.

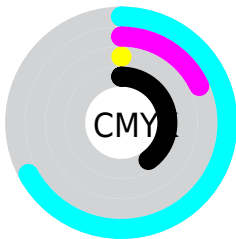
Distribution



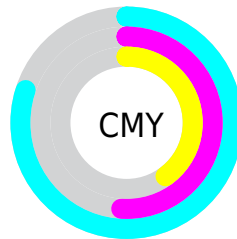
- Red (20%)
- Green (49%)
- Blue (60%)



- Red (20%)
- Yellow (37%)
- Blue (60%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337E99 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 337E99 by changing the saturation by 10% instead.



337E99



337E99

FFFFFF



0A657F



6DB3CF



004D66



89CEEC



00364E



A5EBFF



002137



C2FFFF



000222



DFFFFFF



000007

FDFFFF



000000



337E99



337E99



247A99



428299

■ 147699

■ 528699

■ 057299

■ 618A99

■ 007199

■ 708E99

■ 809299

■ 8F9699

■ 9E9A99

■ AD9E99

■ BDA299

Harmonies

Analogous

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



298188



337E99



5378A1

Triad

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



337E99



9D6579



717A4E

Complementary

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



337E99



994E33

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.



87734A



337E99



A06663

Square

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



337E99



8E698E



986C52



577F5D

Rectangle

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



337E99



6A739F



986C52



78784B

Sweetspot

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



337E99



9FBCC7



33994D



4C5D63



E3E3E3



636363

Same Dimension

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



337E99



289DC7



334D99



454A4D



00678C



00090D

Inverse Universe

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



99337E



C7289D



998033



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 337E99 looks on a white background.

Color Contrast Check

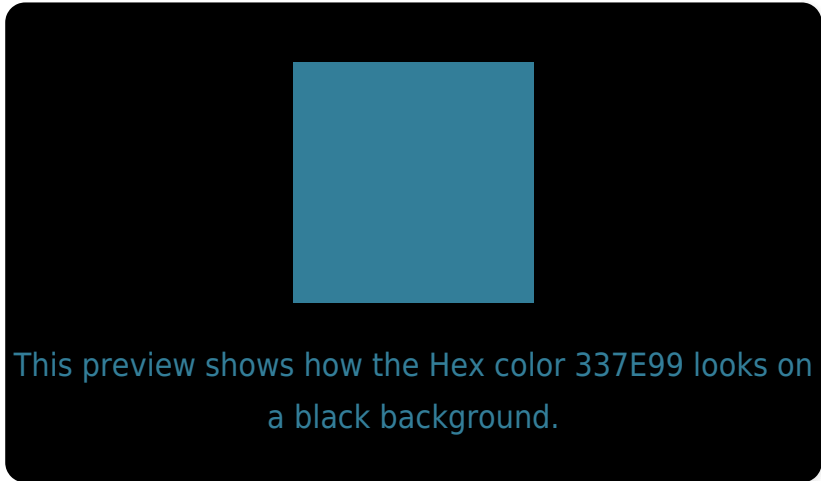
Large Text (above 18pt) WCAG AA ✓ Pass

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

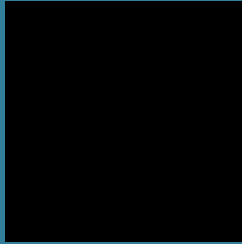
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 337E99 Background



This preview shows how black text looks on a background with the Hex color 337E99.

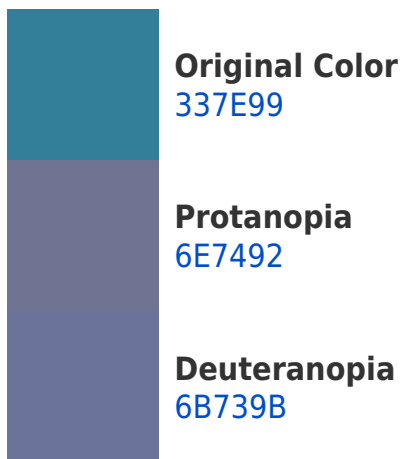


This preview shows how white text looks on a background with the Hex color 337E99.

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](#).

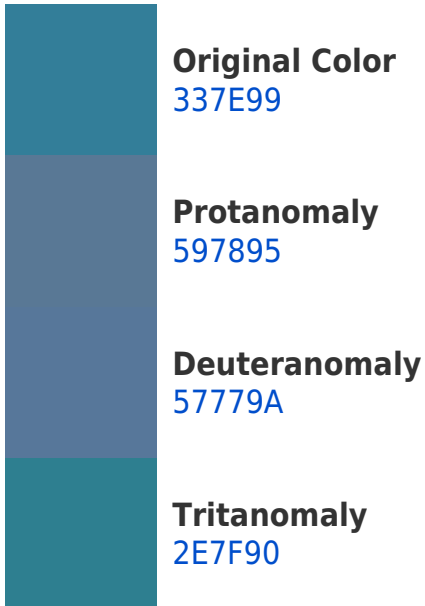
Dichromacy





Tritanopia
2B808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337E99 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 #337E99 looks like.

```
.text, #text, p{  
    color:#337E99  
}
```

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 #337E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337E99
}
```

Border

The CSS property to change the border of an element to Hex 337E99 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
#337E99 }
```

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

```
.border{ border-color:#337E99 }
```

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

Here you see how a box with a 4 pixel #337E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337E99; -webkit-box-shadow:4px 4px  
4px 4px #337E99; box-shadow:4px 4px 4px  
4px #337E99 }
```

Background

The CSS property to change the background color of an element to Hex 337E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337E99 }
```

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

```
.background{ background-color:#337E99 }
```

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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