

# Converting Colors

Hex(35529E)

Have a look what the booklet for  
Hex(35529E) contains.

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# Color

**Hex(35529E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35529E
RGB	53, 82, 158
RGB Percent	21%, 32%, 62%
CMY	0.7922, 0.6784, 0.3804
CMYK	0.66, 0.48, 0.00, 0.38
HSL	223°, 50%, 41%
HSV	223°, 66%, 62%
XYZ	10.6570, 9.2601, 33.5734
YIQ	81.9930, -41.6800, 17.4880

# Conversions

## Conversions Part 2

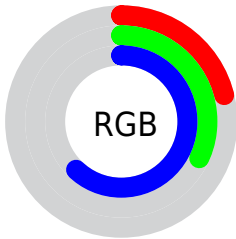
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 76, 158
Decimal	3494558
CIE <sub>Lab</sub>	36.48, 14.89, -44.63
CIE <sub>LCh</sub>	36, 47.053, 288.455
Yxy	9.2601, 0.1992, 0.1731
Android (android.graphics.Color)	4281684638 (0xFF35529E)
YUV	81.9930, 37.4715, -25.4269
Hunter-Lab	30.4304, 9.2594, -44.1126

# Details

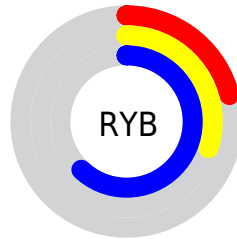
The Hex color **35529E** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9E8135**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F83D5**, and **00266A** is the 20% darker color. If you saturate the color by 10%, you get **25479E**, and if you desaturate by 10%, it is **455D9E**.

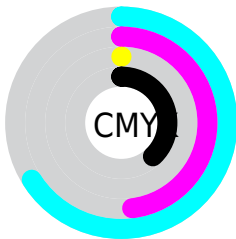
# Distribution



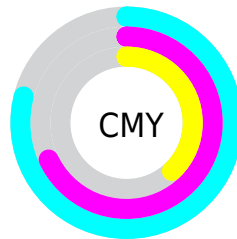
- Red (21%)
- Green (32%)
- Blue (62%)



- Red (21%)
- Yellow (30%)
- Blue (62%)



- Cyan (66%)
- Magenta (48%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (68%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35529E 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 35529E by changing the saturation by 10% instead.



■ 35529E

■ 35529E

FFFFFF

■ 0F3B84

■ 6F83D5

■ 00266A

■ 8B9DF2

■ 001351

■ A7B8FF

■ 00053A

■ C4D3FF

■ 000223

■ E1F0FF

■ 00000A

■ 000000

■ 35529E

■ 35529E

■ 25479E

■ 455D9E

■ 153B9E

■ 55699E

■ 06309E

■ 64749E

■ 002C9E

■ 74809E

■ 848B9E

■ 94979E

■ A4A29E

■ B3AD9E

■ C3B99E

# Harmonies

## Analogous

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



005EA0



35529E



744188

# Triad

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



35529E



8D3F1D



006645

# Complementary

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



35529E



9E8135

# 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.



21631F



35529E



744F00

# Square

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



35529E



993040



525B00



00676D

# Rectangle

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



35529E



8B3572



525B00



006538



# Sweetspot

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



35529E



A5B1CF



359E80



4F5669



E8E8E8



696969



# Same Dimension

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



35529E



2957CF



4C359E



47494F



00278F



00040F



# Inverse Universe

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



9E3552



CF2957



879E35



4F4749



8F0027



0F0004



# Previews

## White Background



This preview shows how the Hex color 35529E looks on a white background.

## Color Contrast Check

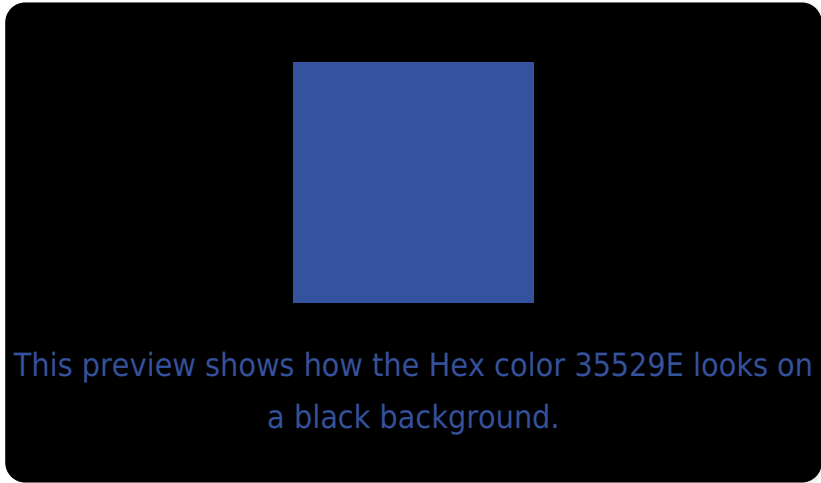
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

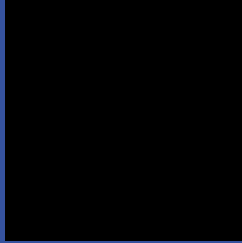
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35529E Background



This preview shows how black text looks on a background with the Hex color 35529E.



This preview shows how white text looks on a background with the Hex color 35529E.

# 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](#).

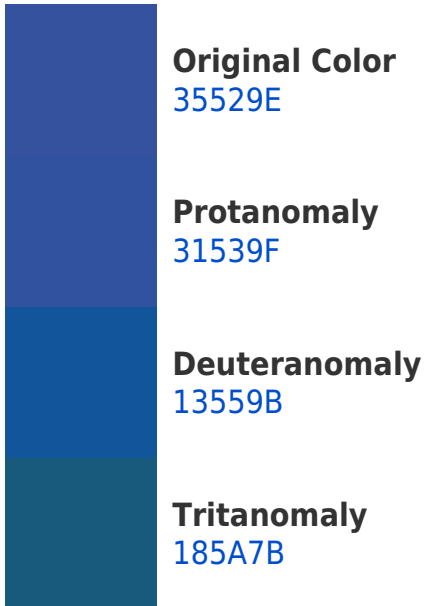
## Dichromacy



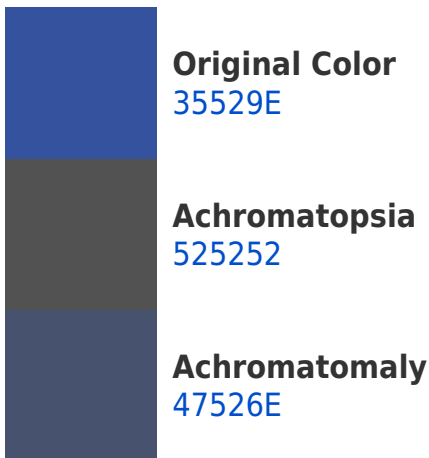


**Tritanopia**  
075F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35529E 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 #35529E looks like.

```
.text, #text, p{  
    color:#35529E  
}
```

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 #35529E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35529E
}
```

## Border

The CSS property to change the border of an element to Hex 35529E 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
#35529E }
```

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

```
.border{ border-color:#35529E }
```

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

Here you see how a box with a 4 pixel #35529E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35529E; -webkit-box-shadow:4px 4px  
4px 4px #35529E; box-shadow:4px 4px 4px  
4px #35529E }
```

# Background

The CSS property to change the background color of an element to Hex 35529E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35529E }
```

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

```
.background{ background-color:#35529E }
```

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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