

# Converting Colors

Hex(356892)

Have a look what the booklet for  
Hex(356892) contains.

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# Color

**Hex(356892)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	356892
RGB	53, 104, 146
RGB Percent	21%, 41%, 57%
CMY	0.7922, 0.5922, 0.4275
CMYK	0.64, 0.29, 0.00, 0.43
HSL	207°, 47%, 39%
HSV	207°, 64%, 57%
XYZ	11.6068, 12.7328, 29.0401
YIQ	93.5390, -43.8780, 2.2500

# Conversions

## Conversions Part 2

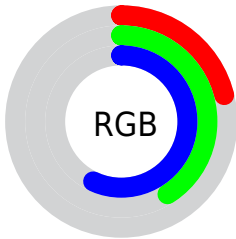
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 86, 146
Decimal	3500178
CIELab	42.36, -3.48, -28.12
CIElCh	42, 28.336, 262.946
Yxy	12.7328, 0.2174, 0.2385
Android (android.graphics.Color)	4281690258 (0xFF356892)
YUV	93.5390, 25.8633, -35.5527
Hunter-Lab	35.6831, -4.3838, -23.2740

# Details

The Hex color **356892** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **925F35**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6C9BC8**, and **00395F** is the 20% darker color. If you saturate the color by 10%, you get **266192**, and if you desaturate by 10%, it is **446F92**.

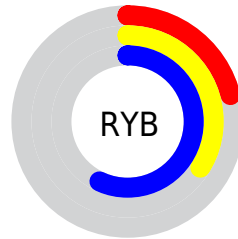
# Distribution



Red (21%)

Green (41%)

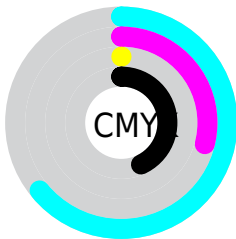
Blue (57%)



Red (21%)

Yellow (34%)

Blue (57%)

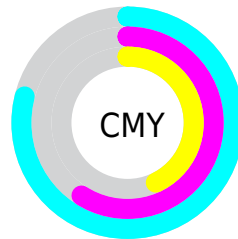


Cyan (64%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (79%)

Magenta (59%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 356892 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 356892 by changing the saturation by 10% instead.





356892



356892

FFFFFF



135078



6C9BC8



00395F



88B6E4



002447



A4D1FF



000E31



C0EEFF



00011B



DDFFFF



000000



FAFFFF



356892



356892



266192



446F92

■ 185B92

■ 527592

■ 095492

■ 617C92

■ 005092

■ 6F8292

■ 7E8992

■ 8D9092

■ 9B9692

■ AA9D92

■ B8A392

# Harmonies

## Analogous

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



006E89



356892



5E608F

# Triad

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



356892



915253



456D47

# Complementary

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



356892



925F35

# 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.



616838



356892



895840

# Square

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



356892



8D526A



786135



23705D

# Rectangle

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



356892



735A86



786135



4F6C41



# Sweetspot

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



356892



99ADBBD



35925F



49555E



DEDEDE



5E5E5E



# Same Dimension

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



356892



2D7CBD



353A92



43474A



004C8A



00060A



# Inverse Universe

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



923568



BD2D7C



928D35



4A4347



8A004C



0A0006



# Previews

## White Background



This preview shows how the Hex color 356892 looks on a white background.

## Color Contrast Check

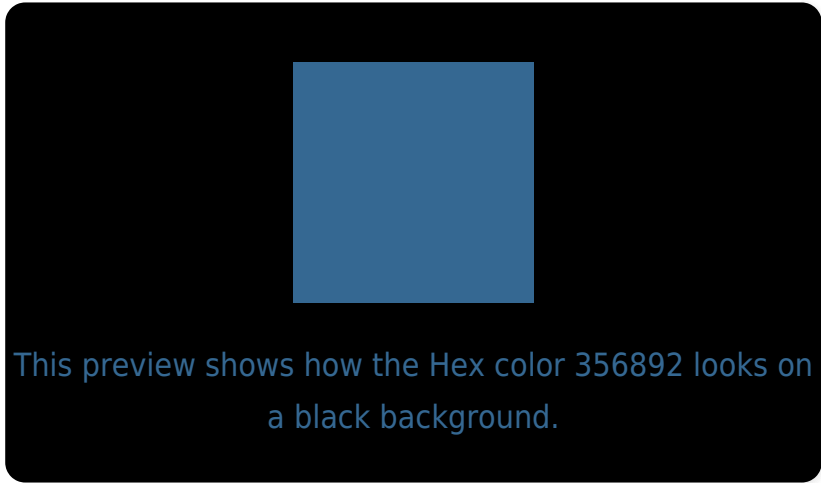
Large Text (above 18pt) WCAG AA ✓ Pass

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

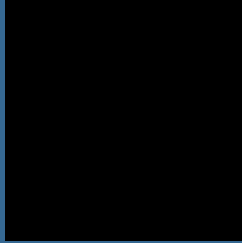
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

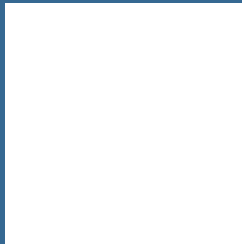
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 356892 Background



This preview shows how black text looks on a background with the Hex color 356892.




This preview shows how white text looks on a background with the Hex color 356892.

# 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](#).

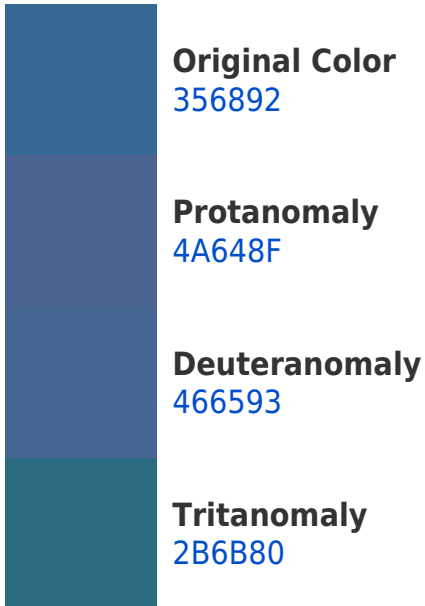
## Dichromacy





**Tritanopia**  
266D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 356892 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 #356892 looks like.

```
.text, #text, p{  
    color:#356892  
}
```

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 #356892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356892
}
```

## Border

The CSS property to change the border of an element to Hex 356892 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
#356892 }
```

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

```
.border{ border-color:#356892 }
```

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

Here you see how a box with a 4 pixel #356892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356892; -webkit-box-shadow:4px 4px  
4px 4px #356892; box-shadow:4px 4px 4px  
4px #356892 }
```

# Background

The CSS property to change the background color of an element to Hex 356892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356892 }
```

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

```
.background{ background-color:#356892 }
```

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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