

Converting Colors

Hex(357091)

Have a look what the booklet for
Hex(357091) contains.

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Color

Hex(357091)

Conversions

Conversions Part 1

Format	Color
Hex	357091
RGB	53, 112, 145
RGB Percent	21%, 44%, 57%
CMY	0.7922, 0.5608, 0.4314
CMYK	0.63, 0.23, 0.00, 0.43
HSL	202°, 46%, 39%
HSV	202°, 63%, 57%
XYZ	12.3732, 14.3896, 28.9134
YIQ	98.1210, -45.7570, -2.2450

Conversions

Conversions Part 2

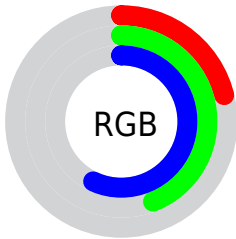
Format	Color
R_{YB}	53, 89, 145
Decimal	3502225
CIE _{Lab}	44.79, -8.60, -23.75
CIE _{LCh}	45, 25.258, 250.083
Yxy	14.3896, 0.2222, 0.2585
Android (android.graphics.Color)	4281692305 (0xFF357091)
YUV	98.1210, 23.1113, -39.5711
Hunter-Lab	37.9336, -8.1605, -18.6380




Details

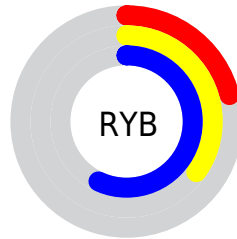
The Hex color **357091** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **915635**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **6DA4C7**, and **00405E** is the 20% darker color. If you saturate the color by 10%, you get **276B91**, and if you desaturate by 10%, it is **447591**.

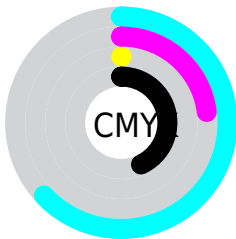
Distribution







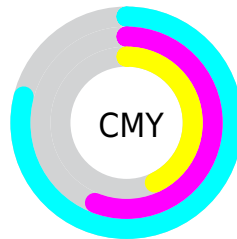
-  Red (21%)
-  Green (44%)
-  Blue (57%)






-  Red (21%)
-  Yellow (35%)
-  Blue (57%)



-  Cyan (63%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (79%)
-  Magenta (56%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357091 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 357091 by changing the saturation by 10% instead.

■ 357091

■ 357091

FFFFFF

■ 135877

■ 6DA4C7

■ 00405E

■ 88BFE3

■ 002A47

■ A4DBFF

■ 001630

■ C0F7FF

■ 00011B

■ DDFFFF

■ 000000

■ FBFFFF

■ 357091

■ 357091

■ 276B91

■ 447591

■ 186691

■ 527A91

■ 0A6091

■ 618091

■ 005D91

■ 6F8591

■ 7E8A91

■ 8C8F91

■ 9B9491

■ A99A91

■ B89F91

Harmonies

Analogous

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



1A7484



357091



586A93

Triad

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



357091



935A64



5A7149

Complementary

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



357091



915635

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.



716B40



357091



905D50

Square

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



357091



8A5C79



846443



40745B

Rectangle

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



357091



6D648E



846443



626F45

Sweetspot

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



357091



99B0BD



359155



49575E



DEDEDE



5E5E5E

Same Dimension

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



357091



2D89BD



354391



404547



005787



000508

Inverse Universe

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



913570



BD2D89



918335



474045



870057



080005

Previews

White Background



This preview shows how the Hex color 357091 looks on a white background.

Color Contrast Check

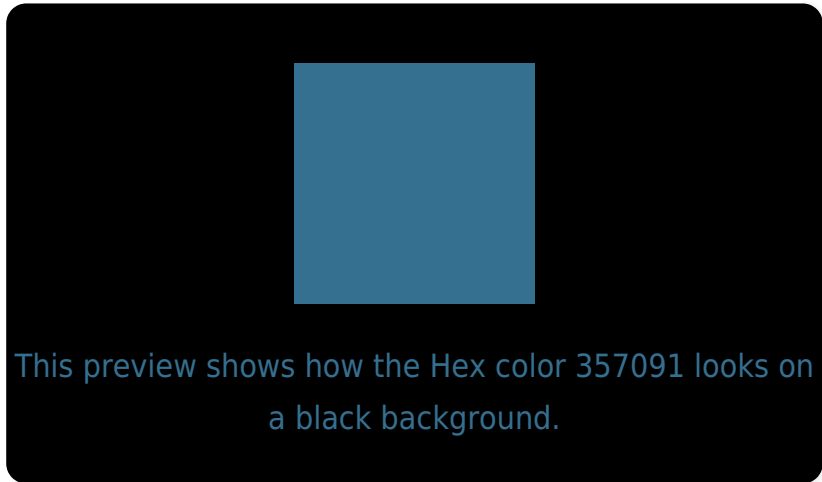
Large Text (above 18pt) WCAG AA ✓ Pass

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

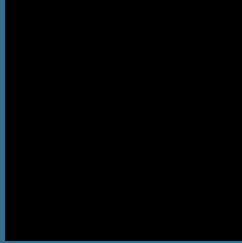
Any Text WCAG AA × Fail

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 357091 Background



This preview shows how black text looks on a background with the Hex color 357091.

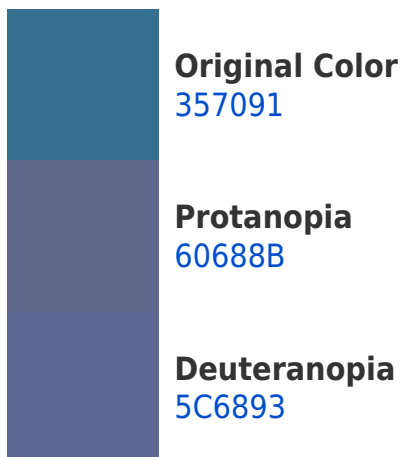


This preview shows how white text looks on a background with the Hex color 357091.

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](#).

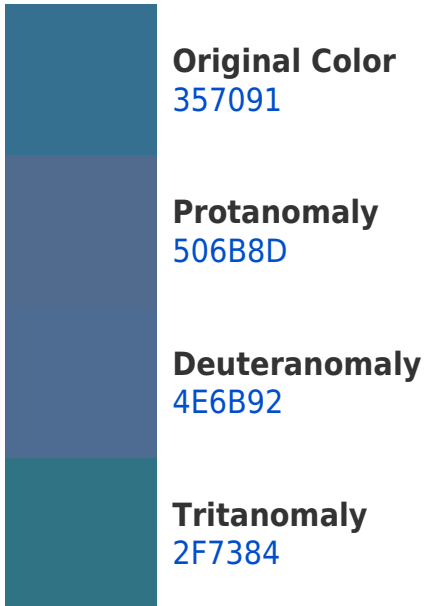
Dichromacy





Tritanopia
2B747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 357091 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 #357091 looks like.

```
.text, #text, p{  
    color:#357091  
}
```

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 #357091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357091
}
```

Border

The CSS property to change the border of an element to Hex 357091 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
#357091 }
```

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

```
.border{ border-color:#357091 }
```

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

Here you see how a box with a 4 pixel #357091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357091; -webkit-box-shadow:4px 4px  
4px 4px #357091; box-shadow:4px 4px 4px  
4px #357091 }
```

Background

The CSS property to change the background color of an element to Hex 357091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357091 }
```

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

```
.background{ background-color:#357091 }
```

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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