

Converting Colors

Hex(356091)

Have a look what the booklet for
Hex(356091) contains.

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Color

Hex(356091)

Conversions

Conversions Part 1

Format	Color
Hex	356091
RGB	53, 96, 145
RGB Percent	21%, 38%, 57%
CMY	0.7922, 0.6235, 0.4314
CMYK	0.63, 0.34, 0.00, 0.43
HSL	212°, 46%, 39%
HSV	212°, 63%, 57%
XYZ	10.7619, 11.1670, 28.3763
YIQ	88.7290, -41.3570, 6.1230

Conversions

Conversions Part 2

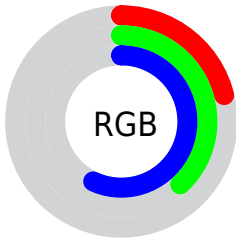
Format	Color
R_{YB}	53, 82, 145
Decimal	3498129
CIE _{Lab}	39.86, 1.11, -31.44
CIE _{LCh}	40, 31.459, 272.030
Yxy	11.1670, 0.2139, 0.2220
Android (android.graphics.Color)	4281688209 (0xFF356091)
YUV	88.7290, 27.7416, -31.3343
Hunter-Lab	33.4170, -0.9940, -26.9546

Details

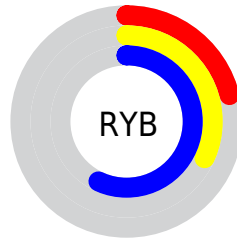
The Hex color **356091** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916635**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6C92C7**, and **00325E** is the 20% darker color. If you saturate the color by 10%, you get **275891**, and if you desaturate by 10%, it is **446891**.

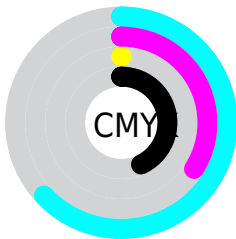
Distribution



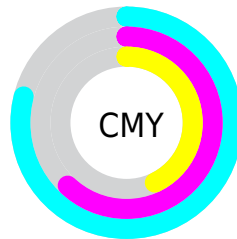
- Red (21%)
- Green (38%)
- Blue (57%)



- Red (21%)
- Yellow (32%)
- Blue (57%)



- Cyan (63%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)



- Cyan (79%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356091 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 356091 by changing the saturation by 10% instead.

■ 356091

■ 356091

FFFFFF

■ 144877

■ 6C92C7

■ 00325E

■ 88ADE3

■ 001E46

■ A3C8FF

■ 000330

■ C0E4FF

■ 00011A

■ DCFFFF

■ 000000

■ FAFFFF

■ 356091

■ 356091

■ 275891

■ 446891

■ 185191

■ 526F91

■ 0A4991

■ 617791

■ 004491

■ 6F7F91

■ 7E8791

■ 8C8E91

■ 9B9691

■ A99E91

■ B8A691

Harmonies

Analogous

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



00678B



356091



625789

Triad

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



356091



8D4C44



306945

Complementary

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



356091



916635

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.



516431



356091



805431

Square

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



356091



8D495D



6C5D29



006B5F

Rectangle

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



356091



77507E



6C5D29



3C683D

Sweetspot

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



356091



99AABD



359165



49535E



DEDEDE



5E5E5E

Same Dimension

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



356091



2D70BD



373591



404447



003F87



000408

Inverse Universe

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



913560



BD2D70



8F9135



474044



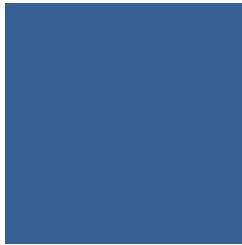
87003F



080004

Previews

White Background



This preview shows how the Hex color 356091 looks on a white background.

Color Contrast Check

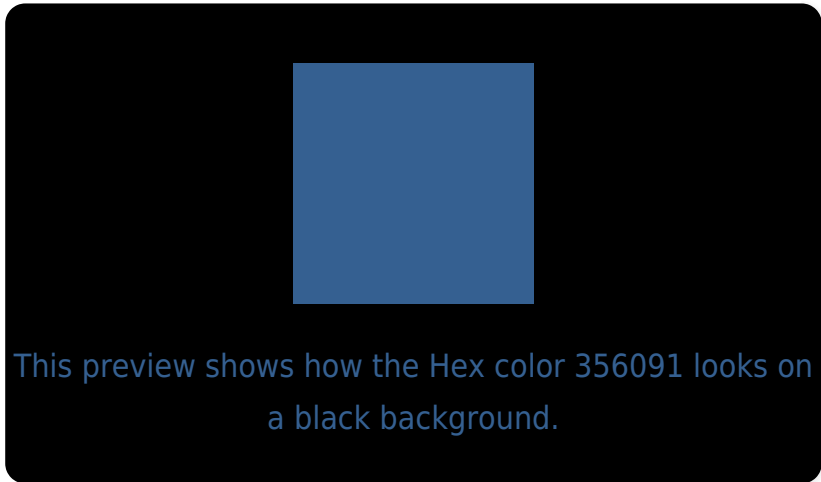
Large Text (above 18pt) WCAG AA ✓ Pass

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

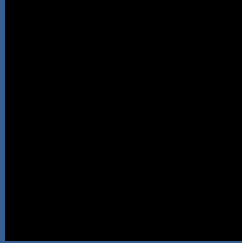
Any Text WCAG AA × Fail

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 356091 Background



This preview shows how black text looks on a background with the Hex color 356091.

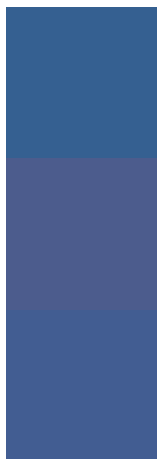


This preview shows how white text looks on a background with the Hex color 356091.

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



Original Color
356091

Protanopia
4C5C8D

Deuteranopia
425D92



Tritanopia
23676F

Trichromacy



Original Color
356091

Protanomaly
445D8E

Deuteranomaly
3D5E92

Tritanomaly
2A647B

Monochromacy



Original Color
356091

Achromatopsia
595959

Achromatomaly
4C5C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 356091 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 #356091 looks like.

```
.text, #text, p{  
    color:#356091  
}
```

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 #356091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356091
}
```

Border

The CSS property to change the border of an element to Hex 356091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

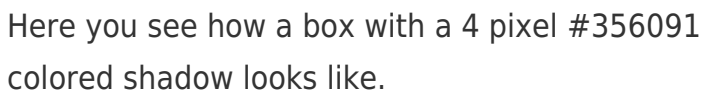
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#356091 }
```

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

```
.border{ border-color:#356091 }
```

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



Here you see how a box with a 4 pixel #356091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356091; -webkit-box-shadow:4px 4px  
4px 4px #356091; box-shadow:4px 4px 4px  
4px #356091 }
```

Background

The CSS property to change the background color of an element to Hex 356091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356091 }
```

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

```
.background{ background-color:#356091 }
```

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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