

# Converting Colors

Hex(565891)

Have a look what the booklet for  
Hex(565891) contains.

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# Color

**Hex(565891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	565891
RGB	86, 88, 145
RGB Percent	34%, 35%, 57%
CMY	0.6627, 0.6549, 0.4314
CMYK	0.41, 0.39, 0.00, 0.43
HSL	238°, 26%, 45%
HSV	238°, 41%, 57%
XYZ	12.4383, 11.0022, 28.2561
YIQ	93.9000, -19.4890, 17.3030

# Conversions

## Conversions Part 2

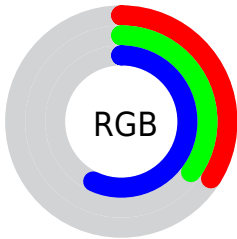
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 88, 145
Decimal	5658769
CIE <sub>Lab</sub>	39.58, 14.26, -31.73
CIE <sub>LCh</sub>	40, 34.793, 294.202
Yxy	11.0022, 0.2406, 0.2128
Android (android.graphics.Color)	4283848849 (0xFF565891)
YUV	93.9000, 25.1923, -6.9283
Hunter-Lab	33.1696, 8.8892, -27.2886

# Details

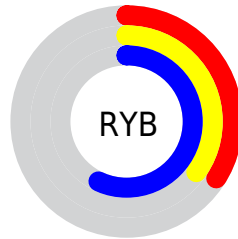
The Hex color **565891** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **918F56**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8A8AC7**, and **232B5E** is the 20% darker color. If you saturate the color by 10%, you get **484A91**, and if you desaturate by 10%, it is **656691**.

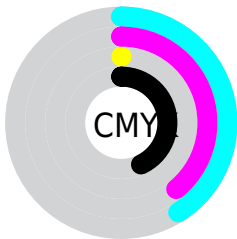
# Distribution



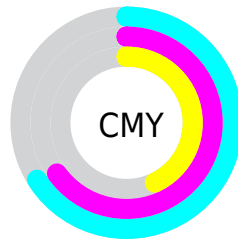
- Red (34%)
- Green (35%)
- Blue (57%)



- Red (34%)
- Yellow (35%)
- Blue (57%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (65%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565891 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 565891 by changing the saturation by 10% instead.





565891



565891

FFFFFF



3D4177



8A8AC7



232B5E



A5A4E3



051746



C1BFFF



000030



DDDBFF



00011A



FAF7FF



000000



565891



565891



484A91



656691



393C91



737491

■ 2B2E91

■ 828291

■ 1C2091

■ 909091

■ 0E1291

■ 9F9E91

■ 000591

■ ADAC91

■ BBBA91

■ CAC891

■ D9D691

# Harmonies

## Analogous

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



0E6295



565891



7B4D7F

# Triad

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



565891



874F30



006B57

# Complementary

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



565891



918F56

# 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.



34683B



565891



725A23

# Square

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



565891



924748



576327



006B74

# Rectangle

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



565891



8A476D



576327



0A6A4D



# Sweetspot

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



565891



A6A7BD



56918E



51525E



DEDEDE



5E5E5E



# Same Dimension

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



565891



6063BD



715691



404147



000587



000008



# Inverse Universe

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



915658



BD6063



769156



474041



870005



080000



# Previews

## White Background



This preview shows how the Hex color 565891 looks on a white background.

## Color Contrast Check

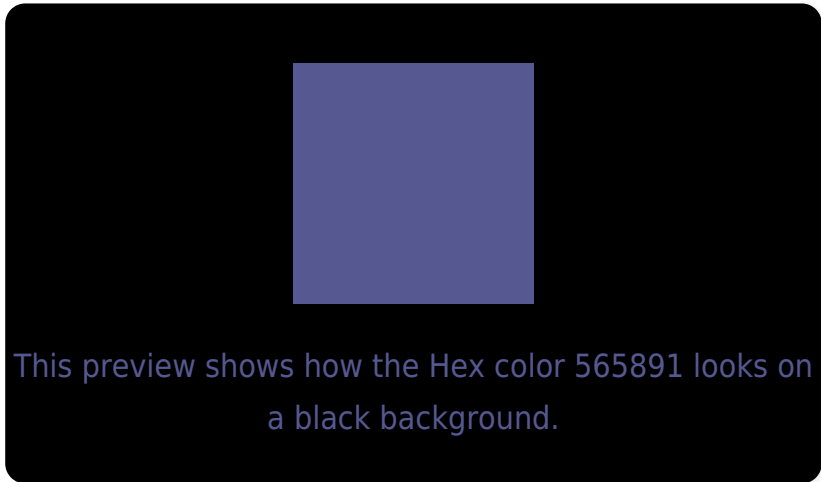
Large Text (above 18pt) WCAG AA ✓ Pass

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

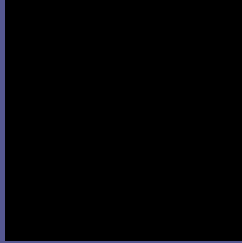
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565891 Background



This preview shows how black text looks on a background with the Hex color 565891.

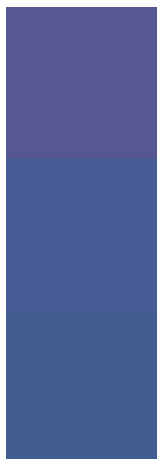


This preview shows how white text looks on a background with the Hex color 565891.

# 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**  
565891

**Protanopia**  
485B94

**Deuteranopia**  
435D90



**Tritanopia**  
4C6168

# Trichromacy



**Original Color**  
565891

**Protanomaly**  
4D5A93

**Deuteranomaly**  
4A5B90

**Tritanomaly**  
505E77

# Monochromacy



**Original Color**  
565891

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B5C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565891 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 #565891 looks like.

```
.text, #text, p{  
    color:#565891  
}
```

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 #565891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565891
}
```

## Border

The CSS property to change the border of an element to Hex 565891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

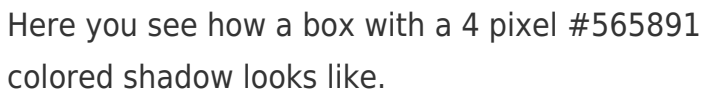
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565891 }
```

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

```
.border{ border-color:#565891 }
```

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



Here you see how a box with a 4 pixel #565891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565891; -webkit-box-shadow:4px 4px  
4px 4px #565891; box-shadow:4px 4px 4px  
4px #565891 }
```

# Background

The CSS property to change the background color of an element to Hex 565891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565891 }
```

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

```
.background{ background-color:#565891 }
```

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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