

# Converting Colors

Hex(5366A1)

Have a look what the booklet for  
Hex(5366A1) contains.

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# Color

**Hex(5366A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5366A1
RGB	83, 102, 161
RGB Percent	33%, 40%, 63%
CMY	0.6745, 0.6000, 0.3686
CMYK	0.48, 0.37, 0.00, 0.37
HSL	225°, 32%, 48%
HSV	225°, 48%, 63%
XYZ	14.7517, 13.9150, 35.6266
YIQ	103.0450, -30.2630, 14.3210

# Conversions

## Conversions Part 2

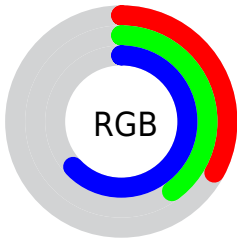
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 98, 161
Decimal	5465761
CIE <sub>Lab</sub>	44.11, 9.60, -34.18
CIE <sub>LCh</sub>	44, 35.501, 285.696
Yxy	13.9150, 0.2294, 0.2164
Android (android.graphics.Color)	4283655841 (0xFF5366A1)
YUV	103.0450, 28.5718, -17.5795
Hunter-Lab	37.3027, 5.3095, -30.5139

# Details

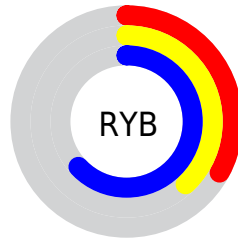
The Hex color **5366A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A18E53**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8899D8**, and **1C386D** is the 20% darker color. If you saturate the color by 10%, you get **435AA1**, and if you desaturate by 10%, it is **6372A1**.

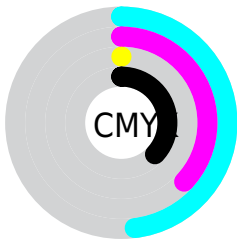
# Distribution



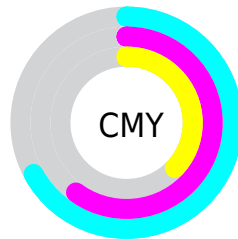
- Red (33%)
- Green (40%)
- Blue (63%)



- Red (33%)
- Yellow (38%)
- Blue (63%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)



- Cyan (67%)
- Magenta (60%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5366A1 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 5366A1 by changing the saturation by 10% instead.



■ 5366A1

■ 5366A1

FFFFFF

■ 384E87

■ 8899D8

■ 1C386D

■ A4B3F5

■ 002354

■ C0CFFF

■ 000D3D

■ DDEBFF

■ 000326

■ FAFFFF

■ 000110

■ 000000

■ 5366A1

■ 5366A1

■ 435AA1

■ 6372A1

■ 334EA1

■ 737EA1

■ 2341A1

■ 838BA1

■ 1335A1

■ 9397A1

■ 0229A1

■ A3A3A1

■ 0027A1

■ B4AFA1

■ C4BBA1

■ D4C7A1

■ E4D4A1

# Harmonies

## Analogous

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



006FA1



5366A1



7E5A92

# Triad

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



5366A1



99573F



157659

# Complementary

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



5366A1



A18E53

# 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.



49723E



5366A1



86622E

# Square

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



5366A1



A0505A



6B6C2D



007777

# Rectangle

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



5366A1



915481



6B6C2D



2C754F



# Sweetspot

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



5366A1



B2B9D1



53A18D



565A69



E8E8E8



696969



# Same Dimension

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



5366A1



5875D1



6753A1



494B52



002391



000412



# Inverse Universe

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



A15366



D15875



8DA153



52494B



910023

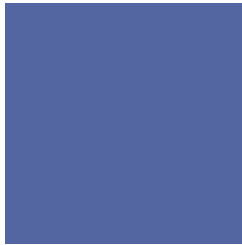


120004



# Previews

## White Background



This preview shows how the Hex color 5366A1 looks on a white background.

## Color Contrast Check

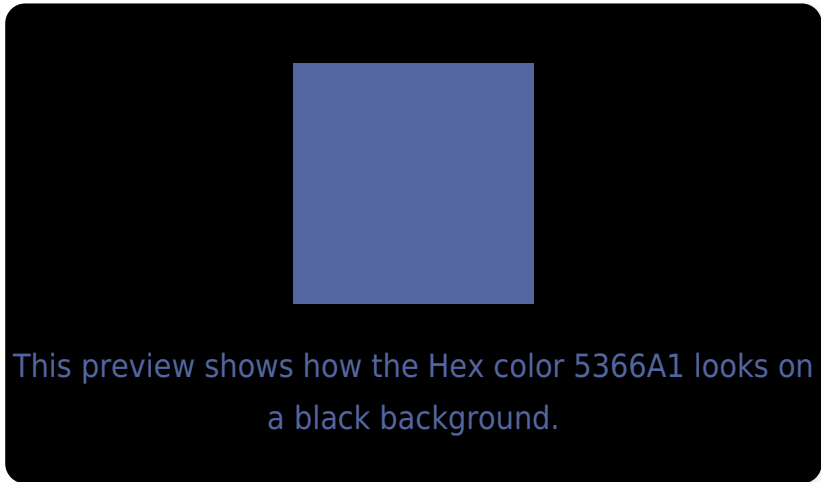
Large Text (above 18pt) WCAG AA ✓ Pass

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

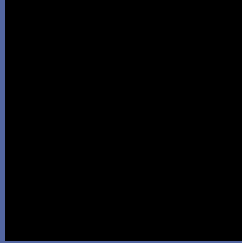
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5366A1 Background



This preview shows how black text looks on a background with the Hex color 5366A1.

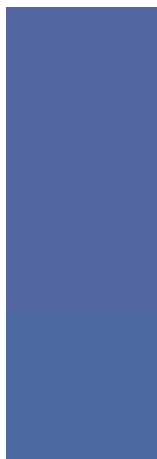


This preview shows how white text looks on a background with the Hex color 5366A1.

# 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**  
5366A1

**Protanopia**  
5366A1

**Deuteranopia**  
4B68A1



**Tritanopia**  
466F77

# Trichromacy



**Original Color**  
5366A1

**Protanomaly**  
5366A1

**Deuteranomaly**  
4E67A1

**Tritanomaly**  
4B6C86

# Monochromacy



**Original Color**  
5366A1

**Achromatopsia**  
676767

**Achromatomaly**  
60677C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5366A1 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 #5366A1 looks like.

```
.text, #text, p{  
    color:#5366A1  
}
```

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 #5366A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5366A1
}
```

## Border

The CSS property to change the border of an element to Hex 5366A1 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
#5366A1 }
```

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

```
.border{ border-color:#5366A1 }
```

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

Here you see how a box with a 4 pixel #5366A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5366A1; -webkit-box-shadow:4px 4px  
4px 4px #5366A1; box-shadow:4px 4px 4px  
4px #5366A1 }
```

# Background

The CSS property to change the background color of an element to Hex 5366A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5366A1 }
```

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

```
.background{ background-color:#5366A1 }
```

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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