

# Converting Colors

Hex(3556B1)

Have a look what the booklet for  
Hex(3556B1) contains.

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# Color

**Hex(3556B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3556B1
RGB	53, 86, 177
RGB Percent	21%, 34%, 69%
CMY	0.7922, 0.6627, 0.3059
CMYK	0.70, 0.51, 0.00, 0.31
HSL	224°, 54%, 45%
HSV	224°, 70%, 69%
XYZ	12.7318, 10.5868, 42.9674
YIQ	86.5070, -48.8790, 21.3050

# Conversions

## Conversions Part 2

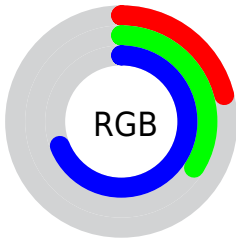
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 79, 177
Decimal	3495601
CIELab	38.88, 19.30, -52.08
CIElCh	39, 55.545, 290.331
Yxy	10.5868, 0.1921, 0.1597
Android (android.graphics.Color)	4281685681 (0xFF3556B1)
YUV	86.5070, 44.6130, -29.3856
Hunter-Lab	32.5373, 12.9064, -55.5196

# Details

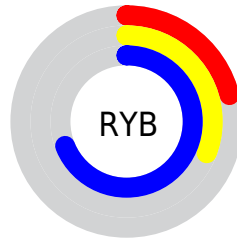
The Hex color **3556B1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B19035**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7287E9**, and **002A7B** is the 20% darker color. If you saturate the color by 10%, you get **2349B1**, and if you desaturate by 10%, it is **4763B1**.

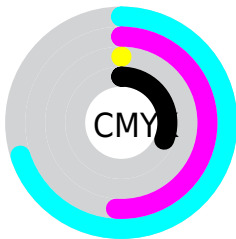
# Distribution



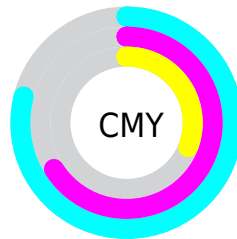
- Red (21%)
- Green (34%)
- Blue (69%)



- Red (21%)
- Yellow (31%)
- Blue (69%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (66%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3556B1 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 3556B1 by changing the saturation by 10% instead.



 3556B1

 3556B1

FFFFFF

 033F96

 7287E9

 002A7B

 8FA1FF

 001762

 ACBCFF

 00004A

 C9D8FF

 000432

 E7F4FF

 00021C

 000000

 3556B1

 3556B1

 2349B1

 4763B1

■ 123CB1

■ 5870B1

■ 002FB1

■ 6A7DB1

■ 7C8AB1

■ 8E97B1

■ 9FA4B1

■ B1B1B1

■ C3BEB1

■ D4CBB1

# Harmonies

## Analogous

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



0065B5



3556B1



824096

# Triad

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



3556B1



9A4014



006F4B

# Complementary

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



3556B1



B19035

# 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.



086B1B



3556B1



7B5400

# Square

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



3556B1



AA2B3F



526300



00707A

# Rectangle

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



3556B1



9C307B



526300



006E3B



# Sweetspot

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



3556B1



B5C2E6



35B190



565E73



F2F2F2



737373



# Same Dimension

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



3556B1



2558E6



5235B1



505359



002999



00071A



# Inverse Universe

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



B13556



E62558



94B135



595053



990029



1A0007



# Previews

## White Background



This preview shows how the Hex color 3556B1 looks on a white background.

## Color Contrast Check

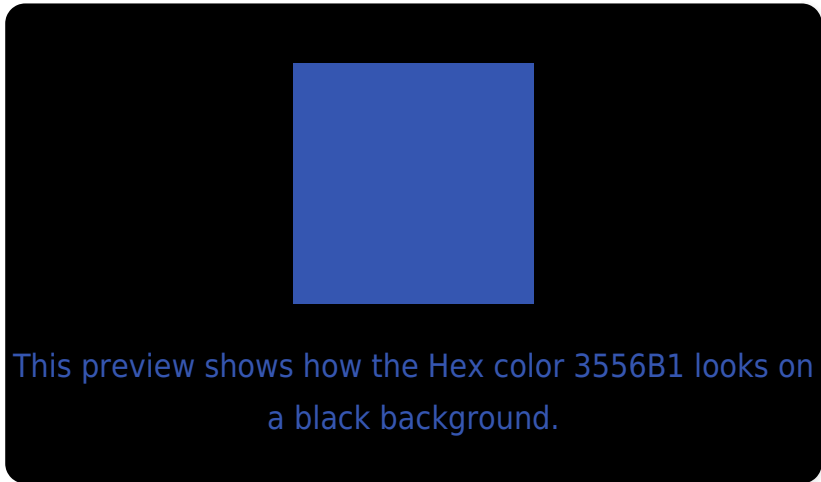
Large Text (above 18pt) WCAG AA ✓ Pass

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

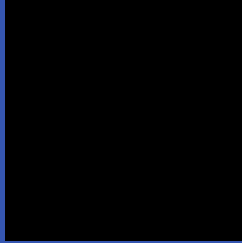
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3556B1 Background



This preview shows how black text looks on a background with the Hex color 3556B1.



This preview shows how white text looks on a background with the Hex color 3556B1.

# 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](#).

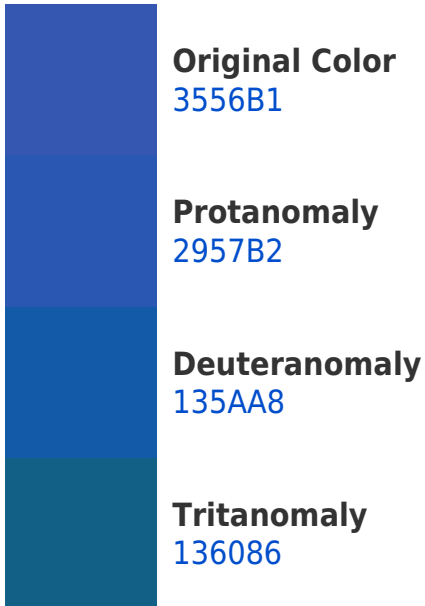
## Dichromacy





**Tritanopia**  
00656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3556B1 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 #3556B1 looks like.

```
.text, #text, p{  
    color:#3556B1  
}
```

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 #3556B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3556B1
}
```

## Border

The CSS property to change the border of an element to Hex 3556B1 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
#3556B1 }
```

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

```
.border{ border-color:#3556B1 }
```

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

Here you see how a box with a 4 pixel #3556B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3556B1; -webkit-box-shadow:4px 4px  
4px 4px #3556B1; box-shadow:4px 4px 4px  
4px #3556B1 }
```

# Background

The CSS property to change the background color of an element to Hex 3556B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3556B1 }
```

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

```
.background{ background-color:#3556B1 }
```

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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