

# Converting Colors

Decimal(5530032)

Have a look what the booklet for  
Decimal(5530032) contains.

<b>Decimal(5530032)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5530032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5461B0
RGB	84, 97, 176
RGB Percent	33%, 38%, 69%
CMY	0.6706, 0.6196, 0.3098
CMYK	0.52, 0.45, 0.00, 0.31
HSL	232°, 37%, 51%
HSV	232°, 52%, 69%
XYZ	15.7673, 13.5688, 42.8623
YIQ	102.1190, -33.1070, 21.8130

# Conversions

## Conversions Part 2

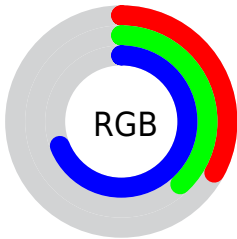
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 95, 176
Decimal	5530032
CIE <sub>Lab</sub>	43.61, 17.80, -43.81
CIE <sub>LCh</sub>	44, 47.284, 292.115
Yxy	13.5688, 0.2184, 0.1879
Android (android.graphics.Color)	4283720112 (0xFF5461B0)
YUV	102.1190, 36.4233, -15.8904
Hunter-Lab	36.8358, 11.9429, -43.2049

# Details

The Decimal color **5530032** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11576148**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9147368**, and **1520507** is the 20% darker color. If you saturate the color by 10%, you get **4346544**, and if you desaturate by 10%, it is **6713520**.

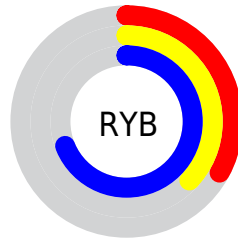
# Distribution



Red (33%)

Green (38%)

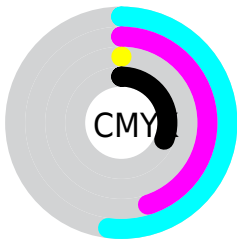
Blue (69%)



Red (33%)

Yellow (37%)

Blue (69%)

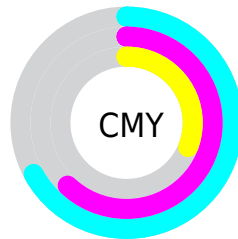


Cyan (52%)

Magenta (45%)

Yellow (0%)

Black (31%)



Cyan (67%)

Magenta (62%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5530032 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 Decimal color 5530032 by changing the saturation by 10% instead.



■ 5530032

■ 5530032

16777215

■ 3688853

■ 9147368

■ 1520507

■ 10989311

■ 8033

■ 12896767

■ 1865

■ 14804479

■ 1074

16711679

■ 284

■ 0

■ 5530032

■ 5530032

■ 4346544

■ 6713520

■ 3228592

■ 7831472

■ 2045104

■ 9014960

■ 927152

■ 10132912

■ 6576

■ 11316656

■ 12500144

■ 13618096

■ 14801584

■ 15919536

# Harmonies

## Analogous

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



28597



5530032



9195672

# Triad

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



5530032



10441257



31067

# Complementary

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



5530032



11576148

# 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.



2913588



5530032



8675856

# Square

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



5530032



11355212



6254101



31363

# Rectangle

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



5530032



10634880



6254101



30798



# Sweetspot

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



5530032



12699366



5550242



6119539



15921906



7566195



# Same Dimension

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



5530032



5597670



7623856



5263961



5785



1050



# Inverse Universe

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



11555937



15095145



9482324



5853266



10027030

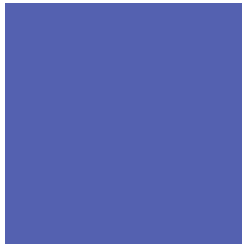


1703940



# Previews

## White Background



This preview shows how the Decimal color 5530032 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



This preview shows how the Decimal color 5530032 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

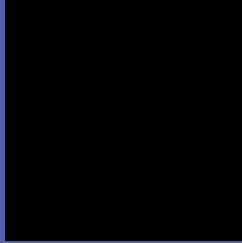
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5530032 Background



This preview shows how black text looks on a background with the Decimal color 5530032.




This preview shows how white text looks on a background with the Decimal color 5530032.

# 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](#).

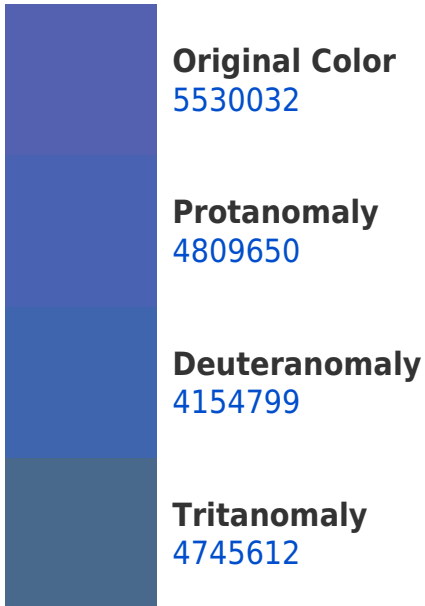
## Dichromacy





**Tritanopia**  
4288119

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5530032 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 #5461B0 looks like.

```
.text, #text, p{  
    color:#5461B0  
}
```

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 #5461B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5461B0
}
```

## Border

The CSS property to change the border of an element to Decimal 5530032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

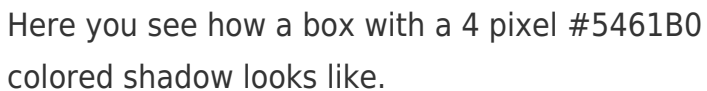
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5461B0 }
```

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

```
.border{ border-color:#5461B0 }
```

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



Here you see how a box with a 4 pixel #5461B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5461B0; -webkit-box-shadow:4px 4px  
4px 4px #5461B0; box-shadow:4px 4px 4px  
4px #5461B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5530032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5461B0 }
```

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

```
.background{ background-color:#5461B0 }
```

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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