

# Converting Colors

Decimal(5133730)

Have a look what the booklet for  
Decimal(5133730) contains.

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# Color

**Decimal(5133730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E55A2
RGB	78, 85, 162
RGB Percent	31%, 33%, 64%
CMY	0.6941, 0.6667, 0.3647
CMYK	0.52, 0.48, 0.00, 0.36
HSL	235°, 35%, 47%
HSV	235°, 52%, 64%
XYZ	12.9120, 10.7253, 35.5721
YIQ	91.6850, -28.8890, 22.4630

# Conversions

## Conversions Part 2

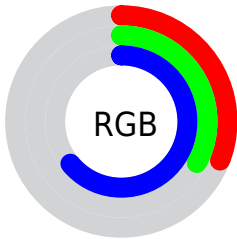
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 84, 162
Decimal	5133730
CIE <sub>Lab</sub>	39.11, 19.47, -42.72
CIE <sub>LCh</sub>	39, 46.951, 294.503
Yxy	10.7253, 0.2181, 0.1811
Android (android.graphics.Color)	4283323810 (0xFF4E55A2)
YUV	91.6850, 34.6653, -12.0017
Hunter-Lab	32.7496, 13.0644, -41.4752

# Details

The Decimal color **5133730** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10656590**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8685273**, and **1124462** is the 20% darker color. If you saturate the color by 10%, you get **4081314**, and if you desaturate by 10%, it is **6186146**.

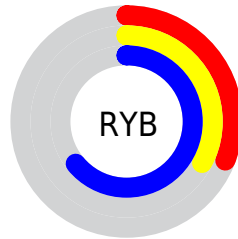
# Distribution



Red (31%)

Green (33%)

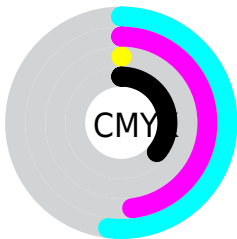
Blue (64%)



Red (31%)

Yellow (33%)

Blue (64%)

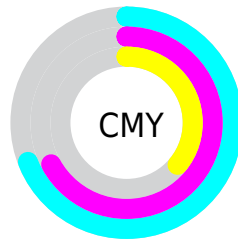


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (67%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5133730 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 5133730 by changing the saturation by 10% instead.



■ 5133730

■ 5133730

16777215

■ 3292807

■ 8685273

■ 1124462

■ 10527222

■ 5461

■ 12369151

■ 61

■ 14276607

■ 806

■ 16184575

■ 271

■ 0

■ 5133730

■ 5133730

■ 4081314

■ 6186146

■ 3028898

■ 7238562

■ 1910946

■ 8356514

■ 858786

■ 9408674

■ 3490

■ 10461090

■ 11513506

■ 12565922

■ 13683874

■ 14736290

# Harmonies

## Analogous

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



25512



5133730



8602761

# Triad

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



5133730



9455645



27988

# Complementary

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



5133730



10656590

# 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.



1600045



5133730



7690241

# Square

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



5133730



10434879



5268234



28283

# Rectangle

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



5133730



9910642



5268234



27974



# Sweetspot

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



5133730



11711956



5153435



5724267



15461355



7039851



# Same Dimension

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



5133730



5266388



7425698



4803154



3217



274



# Inverse Universe

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



10636885



13914203



8364622



5392714



9502732

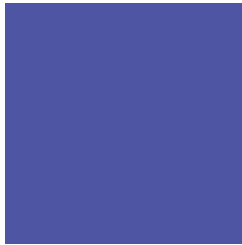


1179649



# Previews

## White Background



This preview shows how the Decimal color 5133730 looks on a white background.

## Color Contrast Check

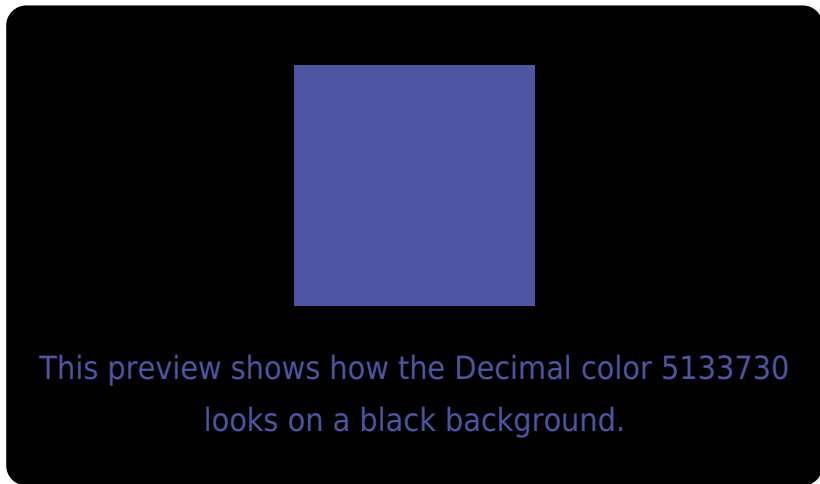
Large Text (above 18pt) WCAG AA ✓ Pass

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

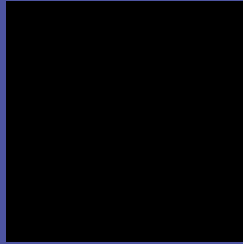
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5133730 Background



This preview shows how black text looks on a background with the Decimal color 5133730.



This preview shows how white text looks on a background with the Decimal color 5133730.

# 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





# Trichromacy



**Original Color**  
5133730

**Protanomaly**  
4151461

**Deuteranomaly**  
3365537

**Tritanomaly**  
4414846

# Monochromacy



**Original Color**  
5133730

**Achromatopsia**  
6052956

**Achromatomaly**  
5724533

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5133730 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 #4E55A2 looks like.

```
.text, #text, p{  
    color:#4E55A2  
}
```

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 #4E55A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E55A2
}
```

## Border

The CSS property to change the border of an element to Decimal 5133730 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
#4E55A2 }
```

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

```
.border{ border-color:#4E55A2 }
```

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

Here you see how a box with a 4 pixel #4E55A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E55A2; -webkit-box-shadow:4px 4px  
4px 4px #4E55A2; box-shadow:4px 4px 4px  
4px #4E55A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5133730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E55A2 }
```

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

```
.background{ background-color:#4E55A2 }
```

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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