

# Converting Colors

Decimal(5005728)

Have a look what the booklet for  
Decimal(5005728) contains.

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# Color

**Decimal(5005728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C61A0
RGB	76, 97, 160
RGB Percent	30%, 38%, 63%
CMY	0.7020, 0.6196, 0.3725
CMYK	0.52, 0.39, 0.00, 0.37
HSL	225°, 36%, 46%
HSV	225°, 52%, 63%
XYZ	13.6003, 12.6240, 34.9776
YIQ	97.9030, -32.7390, 15.1410

# Conversions

## Conversions Part 2

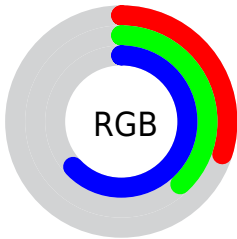
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 93, 160
Decimal	5005728
CIE Lab	42.19, 10.70, -36.65
CIE LCh	42, 38.175, 286.274
Yxy	12.6240, 0.2222, 0.2063
Android (android.graphics.Color)	4283195808 (0xFF4C61A0)
YUV	97.9030, 30.6138, -19.2089
Hunter-Lab	35.5302, 6.1489, -33.4966

# Details

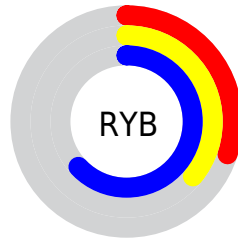
The Decimal color **5005728** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10521420**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8557527**, and **996204** is the 20% darker color. If you saturate the color by 10%, you get **3954080**, and if you desaturate by 10%, it is **6057376**.

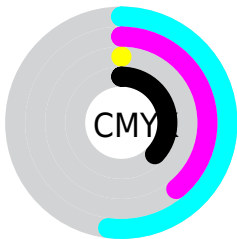
# Distribution



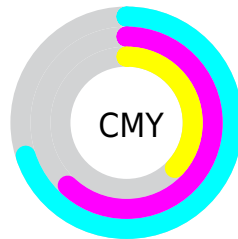
- Red (30%)
- Green (38%)
- Blue (63%)



- Red (30%)
- Yellow (36%)
- Blue (63%)



- Cyan (52%)
- Magenta (39%)
- Yellow (0%)
- Black (37%)



- Cyan (70%)
- Magenta (62%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5005728 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 5005728 by changing the saturation by 10% instead.



■ 5005728

■ 5005728

16777215

■ 3164550

■ 8557527

■ 996204

■ 10399476

■ 8019

■ 12241407

■ 1340

■ 14083583

■ 549

■ 15990783

■ 270

■ 0

■ 5005728

■ 5005728

■ 3954080

■ 6057376

■ 2902432

■ 7109024

■ 1850784

■ 8160672

■ 799136

■ 9212320

■ 10400

■ 10263968

■ 11315616

■ 12367264

■ 13418912

■ 14470560

# Harmonies

## Analogous

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



27552



5005728



8082575

# Triad

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



5005728



9851191



29268

# Complementary

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



5005728



10521420

# 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.



4288054



5005728



8477989

# Square

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



5005728



10373460



6645540



29556

# Rectangle

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



5005728



9391486



6645540



1929545



# Sweetspot

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



5005728



11581649



5021835



5593705



15263976



6908265



# Same Dimension

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



5005728



5074641



6376608



4671823



9359



1039



# Inverse Universe

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



10505313



13716846



9150540



5195593



9371684



983044



# Previews

## White Background



This preview shows how the Decimal color 5005728 looks on a white background.

## Color Contrast Check

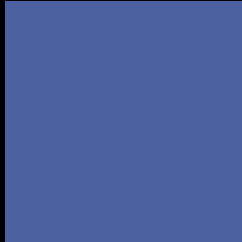
Large Text (above 18pt) WCAG AA ✓ Pass

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 5005728 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 5005728 Background



This preview shows how black text looks on a background with the Decimal color 5005728.



This preview shows how white text looks on a background with the Decimal color 5005728.

# 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**  
5005728

**Protanopia**  
4940192

**Deuteranopia**  
4220063



**Tritanopia**  
4024947

# Trichromacy



**Original Color**  
5005728

**Protanomaly**  
4940192

**Deuteranomaly**  
4481951

**Tritanomaly**  
4351875

# Monochromacy



**Original Color**  
5005728

**Achromatopsia**  
6447714

**Achromatomaly**  
5923449

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5005728 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 #4C61A0 looks like.

```
.text, #text, p{  
    color:#4C61A0  
}
```

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 #4C61A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C61A0
}
```

## Border

The CSS property to change the border of an element to Decimal 5005728 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
#4C61A0 }
```

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

```
.border{ border-color:#4C61A0 }
```

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

Here you see how a box with a 4 pixel #4C61A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C61A0; -webkit-box-shadow:4px 4px  
4px 4px #4C61A0; box-shadow:4px 4px 4px  
4px #4C61A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5005728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C61A0 }
```

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

```
.background{ background-color:#4C61A0 }
```

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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