

Converting Colors

Decimal(5003921)

Have a look what the booklet for
Decimal(5003921) contains.

Decimal(5003921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5003921)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A91
RGB	76, 90, 145
RGB Percent	30%, 35%, 57%
CMY	0.7020, 0.6471, 0.4314
CMYK	0.48, 0.38, 0.00, 0.43
HSL	228°, 31%, 43%
HSV	228°, 48%, 57%
XYZ	11.7475, 10.8932, 28.2715
YIQ	92.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

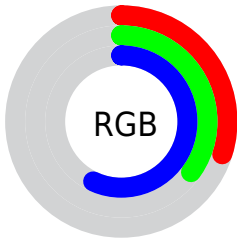
Format	Color
R_{YB}	76, 88, 145
Decimal	5003921
CIE _{Lab}	39.40, 10.27, -32.08
CIE _{LCh}	39, 33.679, 287.751
Yxy	10.8932, 0.2307, 0.2140
Android (android.graphics.Color)	4283194001 (0xFF4C5A91)
YUV	92.0840, 26.0876, -14.1057
Hunter-Lab	33.0048, 5.7756, -27.6837

Details

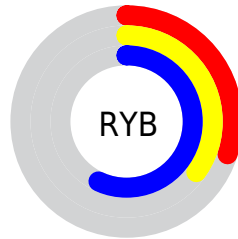
The Decimal color **5003921** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9536332**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8424647**, and **1453406** is the 20% darker color. If you saturate the color by 10%, you get **4083345**, and if you desaturate by 10%, it is **5990033**.

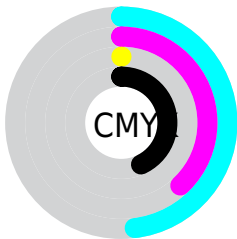
Distribution



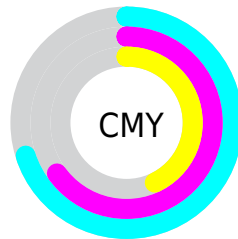
- Red (30%)
- Green (35%)
- Blue (57%)



- Red (30%)
- Yellow (35%)
- Blue (57%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003921 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 5003921 by changing the saturation by 10% instead.

■ 5003921

■ 5003921

16777215

■ 3294071

■ 8424647

■ 1453406

■ 10266339

■ 6470

■ 12042751

■ 48

■ 13884927

■ 282

■ 15792895

■ 0

■ 5003921

■ 5003921

■ 4083345

■ 5990033

■ 3097489

■ 6910353

■ 2176913

■ 7830929

■ 1191057

■ 8816785

■ 270481

■ 9737361

■ 7569

■ 10723217

■ 11643793

■ 12629649

■ 13615761

Harmonies

Analogous

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



25490



5003921



7556994

Triad

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



5003921



8998197



158288

Complementary

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



5003921



9536332

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.



4024119



5003921



7755558

Square

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



5003921



9455182



6119462



27501

Rectangle

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



5003921



8669554



6119462



2124103

Sweetspot

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



5003921



10660029



5017986



5132894



14606046



6184542

Same Dimension

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



5003921



5334973



6311057



4211271



7047



520

Inverse Universe

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



9522266



12407143



8229196



4669506



8847387



524290

Previews

White Background



This preview shows how the Decimal color 5003921 looks on a white background.

Color Contrast Check

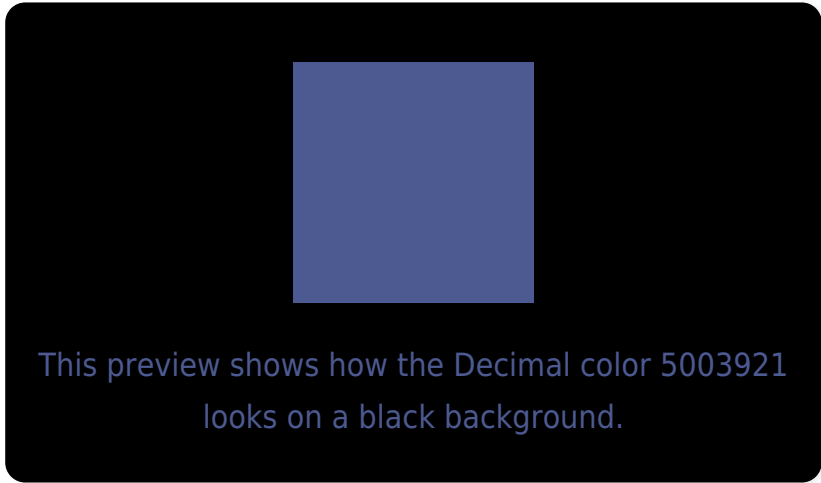
Large Text (above 18pt) WCAG AA ✓ Pass

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

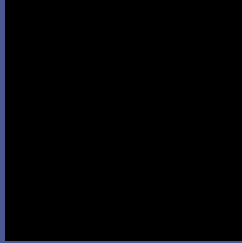
Any Text WCAG AA × Fail

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 5003921 Background



This preview shows how black text looks on a background with the Decimal color 5003921.



This preview shows how white text looks on a background with the Decimal color 5003921.

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
5003921

Protanopia
4742034

Deuteranopia
4283792



Tritanopia
4219498

Trichromacy



Original Color
5003921

Protanomaly
4807570

Deuteranomaly
4545680

Tritanomaly
4480888

Monochromacy



Original Color
5003921

Achromatopsia
6052956

Achromatomaly
5659503

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003921 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 #4C5A91 looks like.

```
.text, #text, p{  
    color:#4C5A91  
}
```

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 #4C5A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A91
}
```

Border

The CSS property to change the border of an element to Decimal 5003921 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
#4C5A91 }
```

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

```
.border{ border-color:#4C5A91 }
```

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

Here you see how a box with a 4 pixel #4C5A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A91; -webkit-box-shadow:4px 4px  
4px 4px #4C5A91; box-shadow:4px 4px 4px  
4px #4C5A91 }
```

Background

The CSS property to change the background color of an element to Decimal 5003921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A91 }
```

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

```
.background{ background-color:#4C5A91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor