

# Converting Colors

Decimal(4023704)

Have a look what the booklet for  
Decimal(4023704) contains.

<b>Decimal(4023704)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4023704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D6598
RGB	61, 101, 152
RGB Percent	24%, 40%, 60%
CMY	0.7608, 0.6039, 0.4039
CMYK	0.60, 0.34, 0.00, 0.40
HSL	214°, 43%, 42%
HSV	214°, 60%, 60%
XYZ	12.2456, 12.5665, 31.4859
YIQ	94.8540, -40.2110, 7.3810

# Conversions

## Conversions Part 2

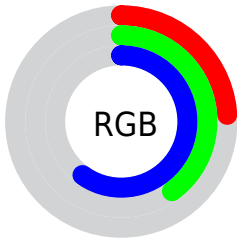
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 89, 152
Decimal	4023704
CIE Lab	42.10, 2.09, -32.08
CIE LCh	42, 32.147, 273.729
Yxy	12.5665, 0.2175, 0.2232
Android (android.graphics.Color)	4282213784 (0xFF3D6598)
YUV	94.8540, 28.1730, -29.6900
Hunter-Lab	35.4492, -0.3747, -27.8468

# Details

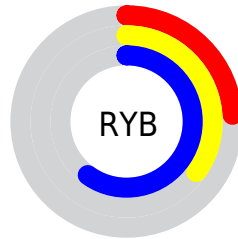
The Decimal color **4023704** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9990205**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **7641295**, and **14181** is the 20% darker color. If you saturate the color by 10%, you get **3038360**, and if you desaturate by 10%, it is **5009048**.

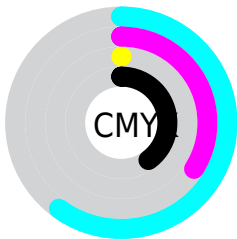
# Distribution



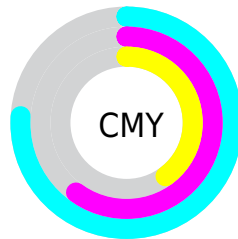
- Red (24%)
- Green (40%)
- Blue (60%)



- Red (24%)
- Yellow (35%)
- Blue (60%)



- Cyan (60%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4023704 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 4023704 by changing the saturation by 10% instead.



■ 4023704

■ 4023704

16777215

■ 2051454

■ 7641295

■ 14181

■ 9417451

■ 8780

■ 11259647

■ 2613

■ 13167359

■ 543

■ 15073279

■ 3

■ 0

■ 4023704

■ 4023704

■ 3038360

■ 5009048

■ 2053272

■ 5994136

■ 1002392

■ 7045016

■ 17304

■ 8030104

■ 9015448

■ 10000536

■ 10985880

■ 12036504

■ 13021848

# Harmonies

## Analogous

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



27794



4023704



6970255

# Triad

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



4023704



9654599



3305291

# Complementary

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



4023704



9990205

# 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.



5597750



4023704



8804916

# Square

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



4023704



9784673



7365421



29030

# Rectangle

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



4023704



8344963



7365421



4156995



# Sweetspot

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



4023704



10596804



4036719



5134179



14935011



6513507



# Same Dimension

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



4023704



3634628



4341144



4540493



16012



1549



# Inverse Universe

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



9977189



12859253



9672765



5064008



9175102



851974



# Previews

## White Background



This preview shows how the Decimal color 4023704 looks on a white background.

## Color Contrast Check

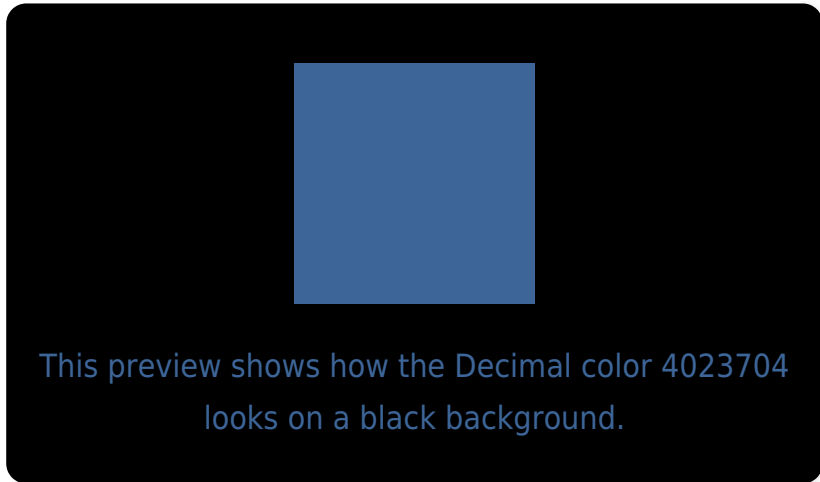
Large Text (above 18pt) WCAG AA ✓ Pass

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 4023704 Background



This preview shows how black text looks on a background with the Decimal color 4023704.

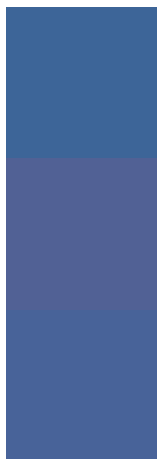


This preview shows how white text looks on a background with the Decimal color 4023704.

# 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**

4023704

**Protanopia**

5333397

**Deuteranopia**

4744089



# Trichromacy



**Original Color**  
4023704

**Protanomaly**  
4874902

**Deuteranomaly**  
4482201

**Tritanomaly**  
3369346

# Monochromacy



**Original Color**  
4023704

**Achromatopsia**  
6250335

**Achromatomaly**  
5464436

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4023704 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 #3D6598 looks like.

```
.text, #text, p{  
    color:#3D6598  
}
```

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 #3D6598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6598
}
```

## Border

The CSS property to change the border of an element to Decimal 4023704 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
#3D6598 }
```

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

```
.border{ border-color:#3D6598 }
```

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

Here you see how a box with a 4 pixel #3D6598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6598; -webkit-box-shadow:4px 4px  
4px 4px #3D6598; box-shadow:4px 4px 4px  
4px #3D6598 }
```

# Background

The CSS property to change the background color of an element to Decimal 4023704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6598 }
```

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

```
.background{ background-color:#3D6598 }
```

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