

# Converting Colors

Decimal(4155021)

Have a look what the booklet for  
Decimal(4155021) contains.

<b>Decimal(4155021)</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(4155021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F668D
RGB	63, 102, 141
RGB Percent	25%, 40%, 55%
CMY	0.7529, 0.6000, 0.4471
CMYK	0.55, 0.28, 0.00, 0.45
HSL	210°, 38%, 40%
HSV	210°, 55%, 55%
XYZ	11.6090, 12.4826, 26.9968
YIQ	94.7850, -35.7630, 3.8610

# Conversions

## Conversions Part 2

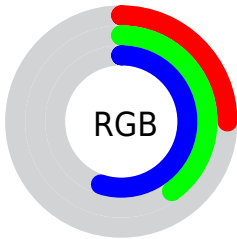
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 89, 141
Decimal	4155021
CIE <sub>Lab</sub>	41.97, -1.81, -25.69
CIE <sub>LCh</sub>	42, 25.755, 265.980
Yxy	12.4826, 0.2272, 0.2443
Android (android.graphics.Color)	4282345101 (0xFF3F668D)
YUV	94.7850, 22.7840, -27.8754
Hunter-Lab	35.3307, -3.1771, -20.5730

# Details

The Decimal color **4155021** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9266751**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **7641539**, and **14171** is the 20% darker color. If you saturate the color by 10%, you get **3235725**, and if you desaturate by 10%, it is **5074317**.

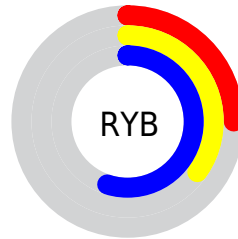
# Distribution



Red (25%)

Green (40%)

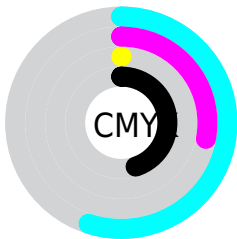
Blue (55%)



Red (25%)

Yellow (35%)

Blue (55%)

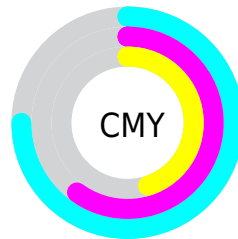


Cyan (55%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4155021 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 4155021 by changing the saturation by 10% instead.



■ 4155021

■ 4155021

16777215

■ 2313843

■ 7641539

■ 14171

■ 9417951

■ 8771

■ 11259899

■ 3117

■ 13102079

■ 279

■ 15007743

■ 0

■ 4155021

■ 4155021

■ 3235725

■ 5074317

■ 2316429

■ 5993613

■ 1397133

■ 6912909

■ 477837

■ 7832205

■ 18317

■ 8817037

■ 9736333

■ 10655629

■ 11574925

■ 12494221

# Harmonies

## Analogous

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



1534854



4155021



6381449

# Triad

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



4155021



9196626



4549707

# Complementary

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



4155021



9266751

# 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.



6186812



4155021



8673601

# Square

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



4155021



9065319



7627064



2649695

# Rectangle

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



4155021



7625089



7627064



5139269



# Sweetspot

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



4155021



10004664



4164966



4805468



14408667



6052956



# Same Dimension

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



4155021



4094904



4145037



4211783



17543



1032



# Inverse Universe

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



9256806



12074619



9276735



4669508



8847428



524292



# Previews

## White Background



This preview shows how the Decimal color 4155021 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 4155021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

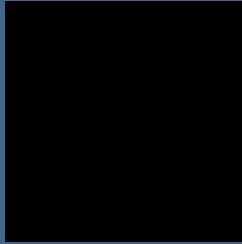
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4155021 Background



This preview shows how black text looks on a background with the Decimal color 4155021.

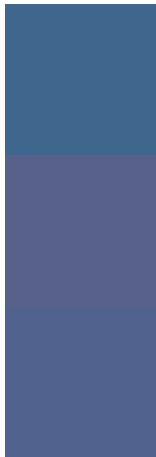


This preview shows how white text looks on a background with the Decimal color 4155021.

# 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**  
4155021

**Protanopia**  
5726601

**Deuteranopia**  
5399182



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4155021 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 #3F668D looks like.

```
.text, #text, p{  
    color:#3F668D  
}
```

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 #3F668D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F668D
}
```

## Border

The CSS property to change the border of an element to Decimal 4155021 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
#3F668D }
```

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

```
.border{ border-color:#3F668D }
```

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

Here you see how a box with a 4 pixel #3F668D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F668D; -webkit-box-shadow:4px 4px  
4px 4px #3F668D; box-shadow:4px 4px 4px  
4px #3F668D }
```

# Background

The CSS property to change the background color of an element to Decimal 4155021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F668D }
```

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

```
.background{ background-color:#3F668D }
```

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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