

# Converting Colors

Decimal(3626583)

Have a look what the booklet for  
Decimal(3626583) contains.

<b>Decimal(3626583)</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(3626583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	375657
RGB	55, 86, 87
RGB Percent	22%, 34%, 34%
CMY	0.7843, 0.6627, 0.6588
CMYK	0.37, 0.01, 0.00, 0.66
HSL	182°, 23%, 28%
HSV	182°, 37%, 34%
XYZ	6.6236, 8.1559, 10.2420
YIQ	76.8450, -18.7970, -6.2610

# Conversions

## Conversions Part 2

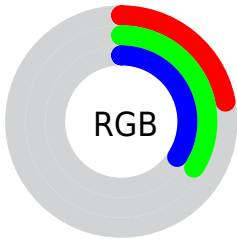
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 71, 87
Decimal	3626583
CIE Lab	34.31, -11.08, -4.22
CIE LCh	34, 11.854, 200.873
Yxy	8.1559, 0.2647, 0.3260
Android (android.graphics.Color)	4281816663 (0xFF375657)
YUV	76.8450, 5.0064, -19.1581
Hunter-Lab	28.5586, -8.5777, -1.2722

# Details

The Decimal color **3626583** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5716023**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **6850697**, and **534826** is the 20% darker color. If you saturate the color by 10%, you get **3036759**, and if you desaturate by 10%, it is **4216407**.

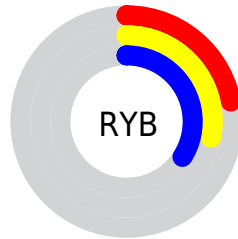
# Distribution



 Red (22%)

 Green (34%)

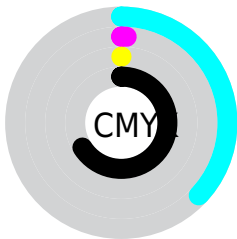
 Blue (34%)



 Red (22%)

 Yellow (28%)

 Blue (34%)

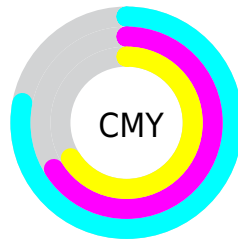


 Cyan (37%)

 Magenta (1%)

 Yellow (0%)

 Black (66%)



 Cyan (78%)

 Magenta (66%)

 Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3626583 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 3626583 by changing the saturation by 10% instead.





3626583



3626583

16777215



2113344



6850697



534826



8495779



5397



10206654



0



12048858



13825526



15728639



3626583



3626583



3036759



4216407

■ 2512215

■ 4740951

■ 1922391

■ 5330775

■ 1332567

■ 5920599

■ 808279

■ 6510423

■ 218199

■ 7034967

■ 21591

■ 7624791

■ 8214615

■ 8738903

# Harmonies

## Analogous

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



3954253



3626583



3757407

# Triad

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



3626583



5917789



5984062

# Complementary

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



3626583



5716023

# 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.



6442050



3626583



6441556

# Square

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



3626583



5197666



6572618



5329471

# Rectangle

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



3626583



4084578



6572618



6114879



# Sweetspot

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



3626583



6582384



3626808



3225656



12105912



3684408



# Same Dimension

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



3626583



4157296



3622487



2566955



26731



58347



# Inverse Universe

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



5715798



7356271



5720119



2828075



7012456

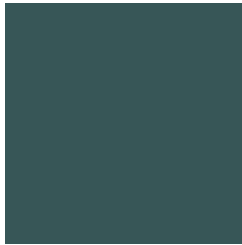


15401187



# Previews

## White Background



This preview shows how the Decimal color 3626583 looks on a white background.

## Color Contrast Check

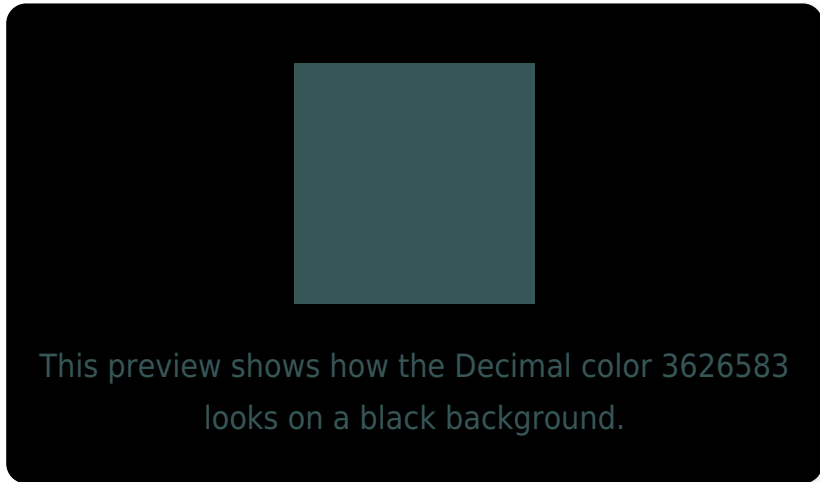
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

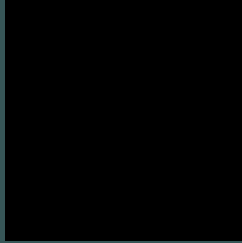
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

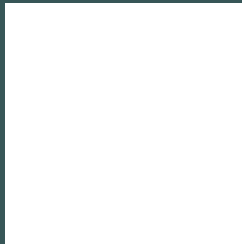
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3626583 Background



This preview shows how black text looks on a background with the Decimal color 3626583.



This preview shows how white text looks on a background with the Decimal color 3626583.

# 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**  
3626583

**Protanopia**  
5328979

**Deuteranopia**  
5525081



**Tritanopia**  
3691868

# Trichromacy



**Original Color**  
3626583

**Protanomaly**  
4739668

**Deuteranomaly**  
4804952

**Tritanomaly**  
3691866

# Monochromacy



**Original Color**  
3626583

**Achromatopsia**  
5066061

**Achromatomaly**  
4542545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3626583 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 #375657 looks like.

```
.text, #text, p{  
  color:#375657  
}
```

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 #375657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375657
}
```

## Border

The CSS property to change the border of an element to Decimal 3626583 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
#375657 }
```

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

```
.border{ border-color:#375657 }
```

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

Here you see how a box with a 4 pixel #375657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375657; -webkit-box-shadow:4px 4px  
4px 4px #375657; box-shadow:4px 4px 4px  
4px #375657 }
```

# Background

The CSS property to change the background color of an element to Decimal 3626583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375657 }
```

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

```
.background{ background-color:#375657 }
```

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