

# Converting Colors

Decimal(3562579)

Have a look what the booklet for  
Decimal(3562579) contains.

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# Color

**Decimal(3562579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	365C53
RGB	54, 92, 83
RGB Percent	21%, 36%, 33%
CMY	0.7882, 0.6392, 0.6745
CMYK	0.41, 0.00, 0.10, 0.64
HSL	166°, 26%, 29%
HSV	166°, 41%, 36%
XYZ	6.9098, 9.0631, 9.5688
YIQ	79.6120, -19.7590, -10.8550

# Conversions

## Conversions Part 2

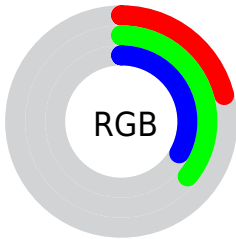
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 76, 92
Decimal	3562579
CIELab	36.11, -15.91, 0.92
CIELCh	36, 15.940, 176.699
Yxy	9.0631, 0.2705, 0.3548
Android (android.graphics.Color)	4281752659 (0xFF365C53)
YUV	79.6120, 1.6703, -22.4617
Hunter-Lab	30.1050, -11.7138, 2.2283

# Details

The Decimal color **3562579** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6043199**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6786692**, and **405030** is the 20% darker color. If you saturate the color by 10%, you get **2972753**, and if you desaturate by 10%, it is **4152405**.

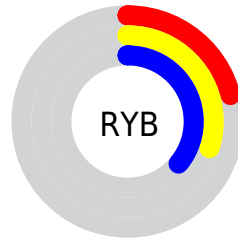
# Distribution



Red (21%)

Green (36%)

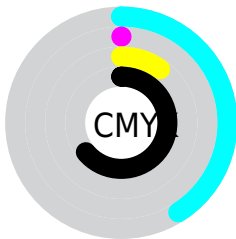
Blue (33%)



Red (21%)

Yellow (30%)

Blue (36%)

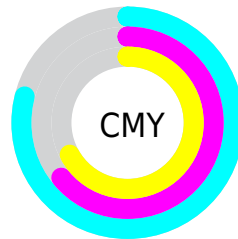


Cyan (41%)

Magenta (0%)

Yellow (10%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3562579 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 3562579 by changing the saturation by 10% instead.



■ 3562579

■ 3562579

16777215

■ 2049084

■ 6786692

■ 405030

■ 8432030

■ 6674

■ 10208441

■ 0

■ 11985109

■ 13827569

■ 15663103

■ 3562579

■ 3562579

■ 2972753

■ 4152405

■ 2382927

■ 4742231

■ 1727564

■ 5397594

■ 1137738

■ 5987420

■ 547912

■ 6577246

■ 23622

■ 7167072

■ 7756898

■ 8412260

■ 9002087

# Harmonies

## Analogous

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



4414279



3562579



3103840

# Triad

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



3562579



5591660



6967104

# Complementary

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



3562579



6043199

# 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.



7294026



3562579



6573667

# Square

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



3562579



4413294



7162967



6313020

# Rectangle

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



3562579



3234663



7162967



7097923



# Sweetspot

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



3562579



6912116



4217910



3489083



12434877



4013373



# Same Dimension

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



3562579



3962986



3560284



2698797



28244



60853



# Inverse Universe

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



6043199



7879754



6045750



3025194



7208986



15532088



# Previews

## White Background



This preview shows how the Decimal color 3562579 looks on a white background.

## Color Contrast Check

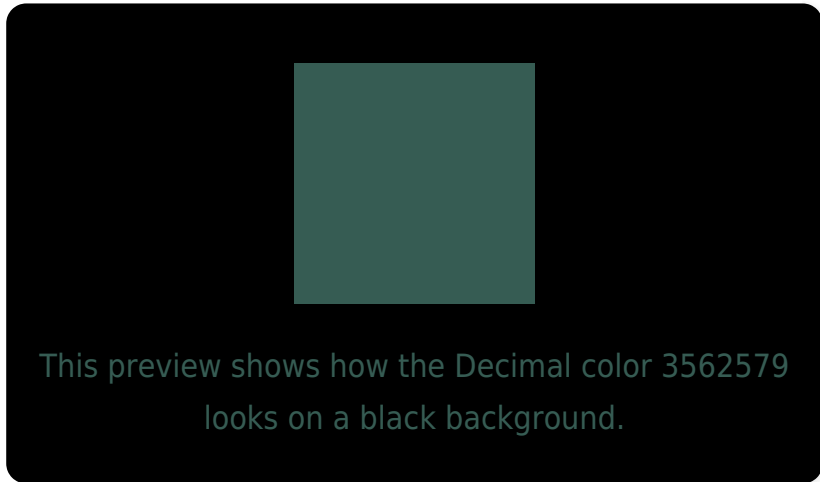
Large Text (above 18pt) WCAG AA ✓ Pass

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

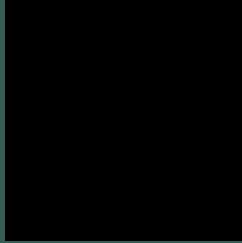
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3562579 Background



This preview shows how black text looks on a background with the Decimal color 3562579.



This preview shows how white text looks on a background with the Decimal color 3562579.

# 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**  
3562579

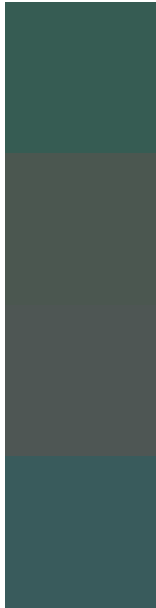
**Protanopia**  
5723215

**Deuteranopia**  
6050389



**Tritanopia**  
3824225

# Trichromacy



**Original Color**  
3562579

**Protanomaly**  
4937552

**Deuteranomaly**  
5133908

**Tritanomaly**  
3758940

# Monochromacy



**Original Color**  
3562579

**Achromatopsia**  
5263440

**Achromatomaly**  
4674641

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3562579 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 #365C53 looks like.

```
.text, #text, p{  
    color:#365C53  
}
```

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 #365C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365C53
}
```

## Border

The CSS property to change the border of an element to Decimal 3562579 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".

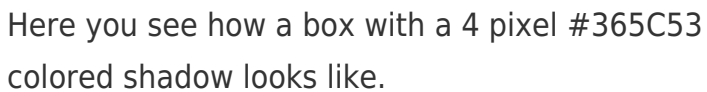
```
.border, #border, table{ border:4px solid
#365C53 }
```

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

```
.border{ border-color:#365C53 }
```

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

Here you see how a box with a 4 pixel #365C53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365C53; -webkit-box-shadow:4px 4px  
4px 4px #365C53; box-shadow:4px 4px 4px  
4px #365C53 }
```

# Background

The CSS property to change the background color of an element to Decimal 3562579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365C53 }
```

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

```
.background{ background-color:#365C53 }
```

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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