

# Converting Colors

Decimal(3562590)

Have a look what the booklet for  
Decimal(3562590) contains.

<b>Decimal(3562590)</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(3562590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	365C5E
RGB	54, 92, 94
RGB Percent	21%, 36%, 37%
CMY	0.7882, 0.6392, 0.6314
CMYK	0.43, 0.02, 0.00, 0.63
HSL	183°, 27%, 29%
HSV	183°, 43%, 37%
XYZ	7.3688, 9.2467, 11.9861
YIQ	80.8660, -23.2900, -7.4340

# Conversions

## Conversions Part 2

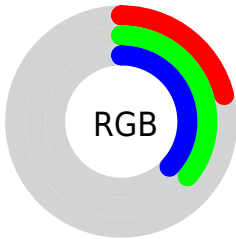
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 73, 94
Decimal	3562590
CIELab	36.46, -12.90, -5.41
CIELCh	36, 13.987, 202.766
Yxy	9.2467, 0.2576, 0.3233
Android (android.graphics.Color)	4281752670 (0xFF365C5E)
YUV	80.8660, 6.4751, -23.5615
Hunter-Lab	30.4084, -9.9589, -2.0845

# Details

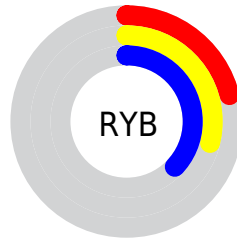
The Decimal color **3562590** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6174774**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **6786704**, and **273968** is the 20% darker color. If you saturate the color by 10%, you get **2972766**, and if you desaturate by 10%, it is **4152414**.

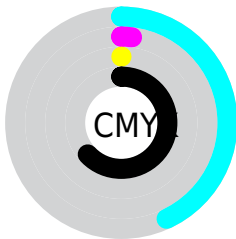
# Distribution



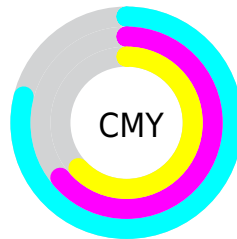
- Red (21%)
- Green (36%)
- Blue (37%)



- Red (21%)
- Yellow (29%)
- Blue (37%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (63%)



- Cyan (79%)
- Magenta (64%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3562590 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 3562590 by changing the saturation by 10% instead.



■ 3562590

■ 3562590

16777215

■ 1983558

■ 6786704

■ 273968

■ 8497579

■ 6683

■ 10273990

■ 0

■ 12050658

■ 13893119

■ 15728639

■ 3562590

■ 3562590

■ 2972766

■ 4152414

■ 2317150

■ 4808030

■ 1727326

■ 5397854

■ 1071710

■ 6053470

■ 481886

■ 6643294

■ 22878

■ 7233374

■ 7888734

■ 8478814

■ 9134174

# Harmonies

## Analogous

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



4021331



3562590



3758695

# Triad

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



3562590



6443107



6378560

# Complementary

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



3562590



6174774

# 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.



6901828



3562590



6966873

# Square

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



3562590



5526634



7163470



5593153

# Rectangle

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



3562590



4217195



7163470



6574913



# Sweetspot

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



3562590



6978170



3563064



3358013



12434877



4013373



# Same Dimension

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



3562590



3962746



3557470



2698798



26734



57837



# Inverse Universe

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



6174300



8010871



6179894



3025198



7209064

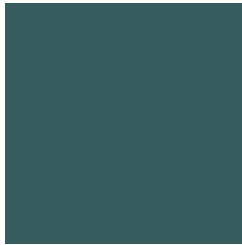


15532257



# Previews

## White Background



This preview shows how the Decimal color 3562590 looks on a white background.

## Color Contrast Check

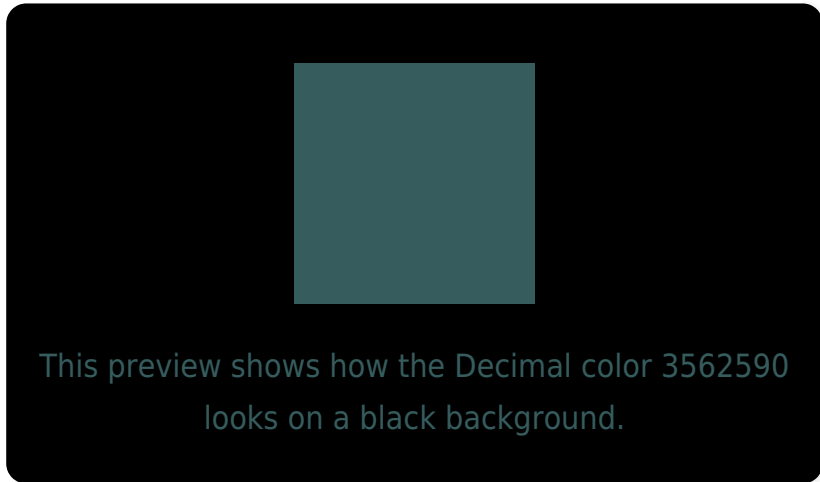
Large Text (above 18pt) WCAG AA ✓ Pass

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

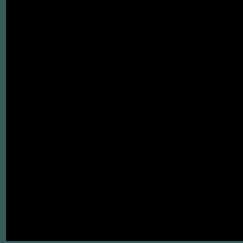
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3562590 Background



This preview shows how black text looks on a background with the Decimal color 3562590.



This preview shows how white text looks on a background with the Decimal color 3562590.

# 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



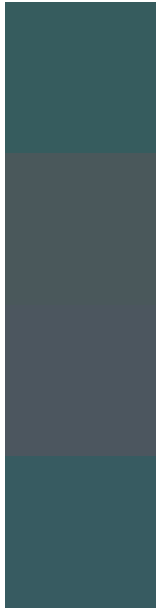
**Original Color**  
3562590

**Protanopia**  
5657946

**Deuteranopia**  
5854048



# Trichromacy



**Original Color**  
3562590

**Protanomaly**  
4872283

**Deuteranomaly**  
5002847

**Tritanomaly**  
3627873

# Monochromacy



**Original Color**  
3562590

**Achromatopsia**  
5329233

**Achromatomaly**  
4674902

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3562590 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 #365C5E looks like.

```
.text, #text, p{  
    color:#365C5E  
}
```

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 #365C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365C5E
}
```

## Border

The CSS property to change the border of an element to Decimal 3562590 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
#365C5E }
```

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

```
.border{ border-color:#365C5E }
```

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

Here you see how a box with a 4 pixel #365C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365C5E; -webkit-box-shadow:4px 4px  
4px 4px #365C5E; box-shadow:4px 4px 4px  
4px #365C5E }
```

# Background

The CSS property to change the background color of an element to Decimal 3562590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365C5E }
```

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

```
.background{ background-color:#365C5E }
```

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