

# Converting Colors

Decimal(3431517)

Have a look what the booklet for  
Decimal(3431517) contains.

<b>Decimal(3431517)</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(3431517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	345C5D
RGB	52, 92, 93
RGB Percent	20%, 36%, 36%
CMY	0.7961, 0.6392, 0.6353
CMYK	0.44, 0.01, 0.00, 0.64
HSL	181°, 28%, 28%
HSV	181°, 44%, 36%
XYZ	7.2191, 9.1747, 11.7463
YIQ	80.1540, -24.1610, -8.1690

# Conversions

## Conversions Part 2

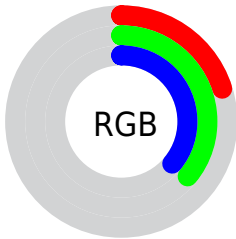
Format	Color
<b>RYB</b>	52, 72, 93
Decimal	3431517
CIELab	36.32, -13.76, -5.00
CIElCh	36, 14.645, 199.983
Yxy	9.1747, 0.2565, 0.3260
Android (android.graphics.Color)	4281621597 (0xFF345C5D)
YUV	80.1540, 6.3331, -24.6911
Hunter-Lab	30.2897, -10.4642, -1.7898

# Details

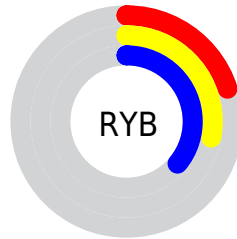
The Decimal color **3431517** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6108468**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6655631**, and **77359** is the 20% darker color. If you saturate the color by 10%, you get **2841693**, and if you desaturate by 10%, it is **4021341**.

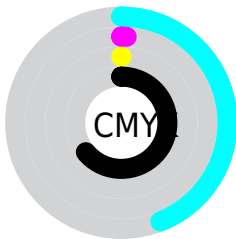
# Distribution



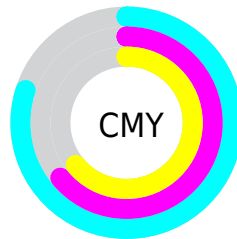
- Red (20%)
- Green (36%)
- Blue (36%)



- Red (20%)
- Yellow (28%)
- Blue (36%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3431517 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 3431517 by changing the saturation by 10% instead.



■ 3431517

■ 3431517

16777215

■ 1852485

■ 6655631

■ 77359

■ 8366506

■ 6682

■ 10142917

■ 0

■ 11919585

■ 13762046

■ 15597567

■ 3431517

■ 3431517

■ 2841693

■ 4021341

■ 2186333

■ 4676701

■ 1596253

■ 5266781

■ 1006429

■ 5856605

■ 351069

■ 6446429

■ 23389

■ 7101789

■ 7691869

■ 8281693

■ 8937053

# Harmonies

## Analogous

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



3955793



3431517



3562343

# Triad

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



3431517



6377573



6443838

# Complementary

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



3431517



6108468

# 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.



6967364



3431517



6966618

# Square

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



3431517



5395563



7228750



5658431

# Rectangle

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



3431517



4020587



7228750



6640192



# Sweetspot

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



3431517



6846328



3431733



3358013



12434877



4013373



# Same Dimension

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



3431517



3700344



3426397



2698798



27502



59373



# Inverse Universe

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



6108252



7878774



6113588



3025198



7209067



15532263



# Previews

## White Background



This preview shows how the Decimal color 3431517 looks on a white background.

## Color Contrast Check

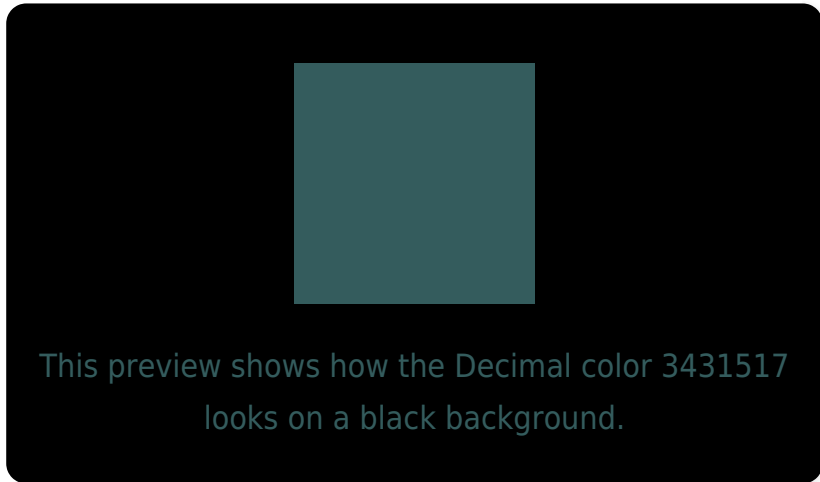
Large Text (above 18pt) WCAG AA ✓ Pass

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

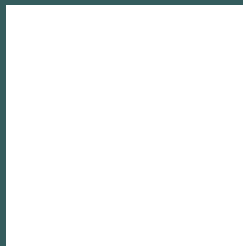
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3431517 Background



This preview shows how black text looks on a background with the Decimal color 3431517.



This preview shows how white text looks on a background with the Decimal color 3431517.

# 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**  
3431517

**Protanopia**  
5657945

**Deuteranopia**  
5854047



**Tritanopia**  
3562338

# Trichromacy



**Original Color**  
3431517

**Protanomaly**  
4872282

**Deuteranomaly**  
5002846

**Tritanomaly**  
3496800

# Monochromacy



**Original Color**  
3431517

**Achromatopsia**  
5263440

**Achromatomaly**  
4609109

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3431517 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 #345C5D looks like.

```
.text, #text, p{  
    color:#345C5D  
}
```

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 #345C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345C5D
}
```

## Border

The CSS property to change the border of an element to Decimal 3431517 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
#345C5D }
```

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

```
.border{ border-color:#345C5D }
```

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

Here you see how a box with a 4 pixel #345C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345C5D; -webkit-box-shadow:4px 4px  
4px 4px #345C5D; box-shadow:4px 4px 4px  
4px #345C5D }
```

# Background

The CSS property to change the background color of an element to Decimal 3431517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345C5D }
```

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

```
.background{ background-color:#345C5D }
```

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