

Converting Colors

Decimal(3367764)

Have a look what the booklet for
Decimal(3367764) contains.

Decimal(3367764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3367764)

Conversions

Conversions Part 1

Format	Color
Hex	336354
RGB	51, 99, 84
RGB Percent	20%, 39%, 33%
CMY	0.8000, 0.6118, 0.6706
CMYK	0.48, 0.00, 0.15, 0.61
HSL	161°, 32%, 29%
HSV	161°, 48%, 39%
XYZ	7.4273, 10.2676, 9.9779
YIQ	82.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

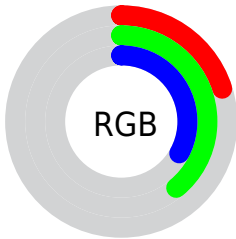
Format	Color
RYB	51, 79, 99
Decimal	3367764
CIELab	38.32, -20.37, 3.48
CIELCh	38, 20.663, 170.294
Yxy	10.2676, 0.2684, 0.3710
Android (android.graphics.Color)	4281557844 (0xFF336354)
YUV	82.9380, 0.5236, -28.0096
Hunter-Lab	32.0431, -14.7006, 3.9678

Details

The Decimal color **3367764** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6501186**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **6657669**, and **13351** is the 20% darker color. If you saturate the color by 10%, you get **2712401**, and if you desaturate by 10%, it is **4023127**.

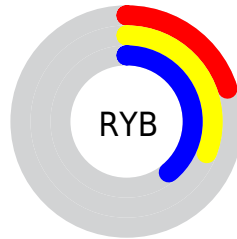
Distribution



Red (20%)

Green (39%)

Blue (33%)



Red (20%)

Yellow (31%)

Blue (39%)

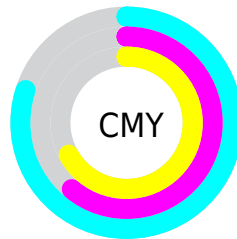


Cyan (48%)

Magenta (0%)

Yellow (15%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3367764 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 3367764 by changing the saturation by 10% instead.

■ 3367764

■ 3367764

16777215

■ 1723197

■ 6657669

■ 13351

■ 8368544

■ 7955

■ 10079419

■ 0

■ 11856342

■ 13697011

■ 15597567

■ 3367764

■ 3367764

■ 2712401

■ 4023127

■ 2057038

■ 4678490

■ 1401675

■ 5333853

■ 746312

■ 5989216

■ 156485

■ 6644579

■ 25412

■ 7234407

■ 7889770

■ 8545133

■ 9200496

Harmonies

Analogous

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



4677956



3367764



2319205

Triad

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



3367764



5593209



7819841

Complementary

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



3367764



6501186

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.



8080975



3367764



6967920

Square

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



3367764



3890555



7818848



7034681

Rectangle

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



3367764



2187887



7818848



7950405

Sweetspot

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



3367764



7110778



4350771



3424316



12566463



4210752

Same Dimension

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



3367764



3571816



3365475



2895919



28749



61605

Inverse Universe

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



6501186



8402509



6503475



3157037



7340067



15728715

Previews

White Background



This preview shows how the Decimal color 3367764 looks on a white background.

Color Contrast Check

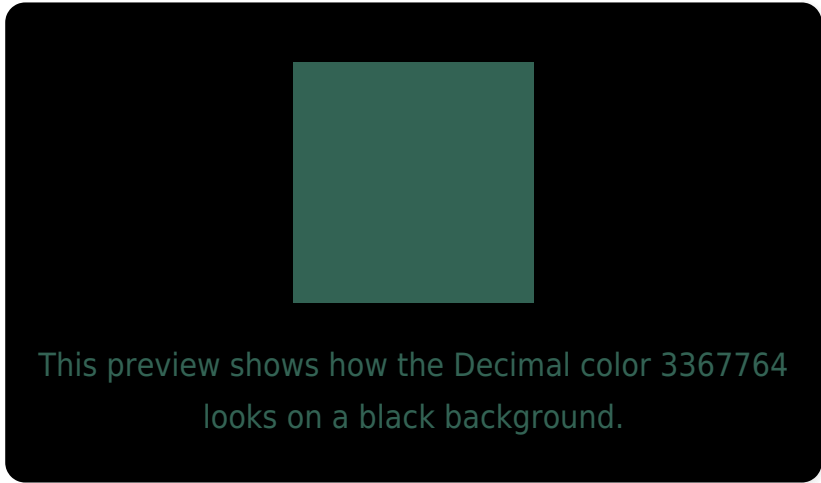
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

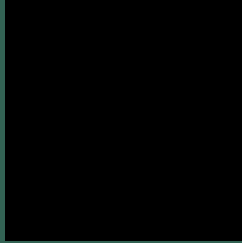
Any Text WCAG AA × Fail

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 3367764 Background



This preview shows how black text looks on a background with the Decimal color 3367764.



This preview shows how white text looks on a background with the Decimal color 3367764.

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

3367764

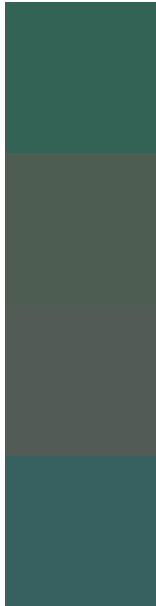
Protanopia

6183503

Deuteranopia

6575959

Trichromacy



Original Color
3367764

Protanomaly
5135697

Deuteranomaly
5397334

Tritanomaly
3629409

Monochromacy



Original Color
3367764

Achromatopsia
5460819

Achromatomaly
4675923

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3367764 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 #336354 looks like.

```
.text, #text, p{  
    color:#336354  
}
```

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 #336354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336354
}
```

Border

The CSS property to change the border of an element to Decimal 3367764 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
#336354 }
```

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

```
.border{ border-color:#336354 }
```

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

Here you see how a box with a 4 pixel #336354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336354; -webkit-box-shadow:4px 4px  
4px 4px #336354; box-shadow:4px 4px 4px  
4px #336354 }
```

Background

The CSS property to change the background color of an element to Decimal 3367764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336354 }
```

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

```
.background{ background-color:#336354 }
```

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