

# Converting Colors

Decimal(3494482)

Have a look what the booklet for  
Decimal(3494482) contains.

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# Color

**Decimal(3494482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	355252
RGB	53, 82, 82
RGB Percent	21%, 32%, 32%
CMY	0.7922, 0.6784, 0.6784
CMYK	0.35, 0.00, 0.00, 0.68
HSL	180°, 21%, 26%
HSV	180°, 35%, 32%
XYZ	6.0085, 7.4007, 9.0944
YIQ	73.3290, -17.2840, -6.1480

# Conversions

## Conversions Part 2

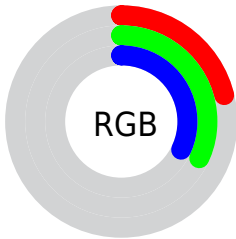
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 68, 82
Decimal	3494482
CIE <sub>Lab</sub>	32.70, -10.74, -3.46
CIE <sub>LCh</sub>	33, 11.285, 197.831
Yxy	7.4007, 0.2670, 0.3289
Android (android.graphics.Color)	4281684562 (0xFF355252)
YUV	73.3290, 4.2748, -17.8285
Hunter-Lab	27.2042, -8.1827, -0.7779

# Details

The Decimal color **3494482** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5387573**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **6652803**, and **468261** is the 20% darker color. If you saturate the color by 10%, you get **2970194**, and if you desaturate by 10%, it is **4018770**.

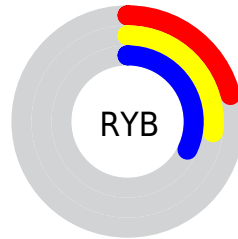
# Distribution



 Red (21%)

 Green (32%)

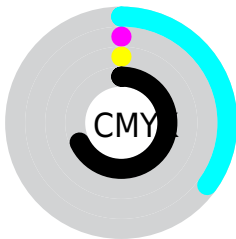
 Blue (32%)



 Red (21%)

 Yellow (27%)

 Blue (32%)

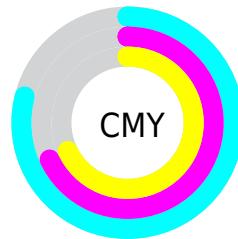


 Cyan (35%)

 Magenta (0%)

 Yellow (0%)

 Black (68%)



 Cyan (79%)

 Magenta (68%)

 Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3494482 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 3494482 by changing the saturation by 10% instead.





3494482



3494482

16777215



1981243



6652803



468261



8363677



4369



10074552



0



11850964



13627888



15532031



3494482



3494482



2970194



4018770

■ 2445906

■ 4543058

■ 1856082

■ 5132882

■ 1331794

■ 5657170

■ 807506

■ 6181458

■ 283218

■ 6705746

■ 21074

■ 7230034

■ 7819858

■ 8344146

# Harmonies

## Analogous

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



3887689



3494482



3559770

# Triad

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



3494482



5589337



5720892

# Complementary

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



3494482



5387573

# 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.



6113344



3494482



6113105

# Square

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



3494482



4869214



6244168



5131836

# Rectangle

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



3494482



3887197



6244168



5917245



# Sweetspot

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



3494482



6253419



3494453



3094070



11908533



3552822



# Same Dimension

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



3494482



4090731



3490642



2435369



26985



59624



# Inverse Universe

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



5387602



7028331



5391157



2696489



6881385



15204584



# Previews

## White Background



This preview shows how the Decimal color 3494482 looks on a white background.

## Color Contrast Check

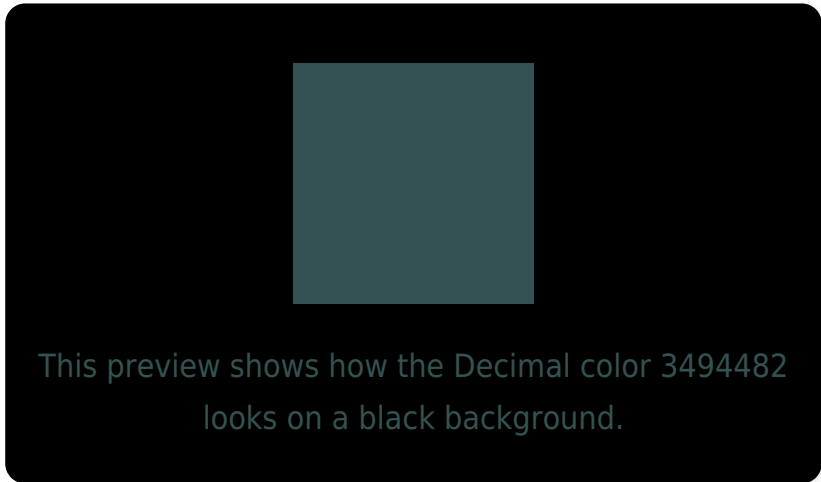
Large Text (above 18pt) WCAG AA ✓ Pass

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

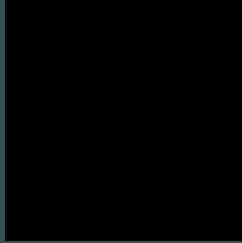
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3494482 Background



This preview shows how black text looks on a background with the Decimal color 3494482.



This preview shows how white text looks on a background with the Decimal color 3494482.

# 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](#).

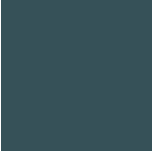
## Dichromacy



**Original Color**  
3494482

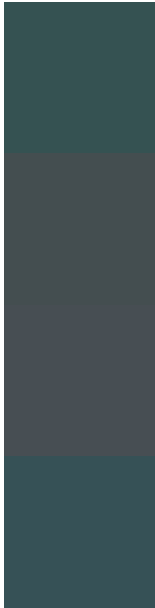
**Protanopia**  
5065807

**Deuteranopia**  
5327700



**Tritanopia**  
3559768

# Trichromacy



**Original Color**

3494482

**Protanomaly**

4476496

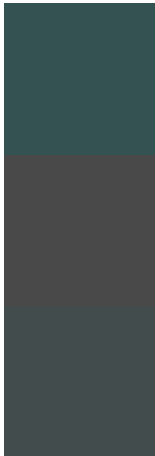
**Deuteranomaly**

4673107

**Tritanomaly**

3559766

# Monochromacy



**Original Color**

3494482

**Achromatopsia**

4802889

**Achromatomaly**

4344908

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3494482 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 #355252 looks like.

```
.text, #text, p{  
  color:#355252  
}
```

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 #355252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355252
}
```

## Border

The CSS property to change the border of an element to Decimal 3494482 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
#355252 }
```

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

```
.border{ border-color:#355252 }
```

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

Here you see how a box with a 4 pixel #355252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355252; -webkit-box-shadow:4px 4px  
4px 4px #355252; box-shadow:4px 4px 4px  
4px #355252 }
```

# Background

The CSS property to change the background color of an element to Decimal 3494482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355252 }
```

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

```
.background{ background-color:#355252 }
```

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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