

Converting Colors

Decimal(3500629)

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Decimal(3500629) contains.

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Color

Decimal(3500629)

Conversions

Conversions Part 1	
Format	Color
Hex	356A55
RGB	53, 106, 85
RGB Percent	21%, 42%, 33%
CMY	0.7922, 0.5843, 0.6667
CMYK	0.50, 0.00, 0.20, 0.58
HSL	156°, 33%, 31%
HSV	156°, 50%, 42%
XYZ	8.2619, 11.7208, 10.4212
YIQ	87.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

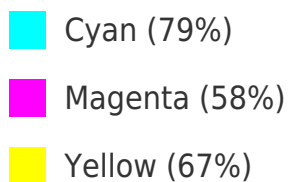
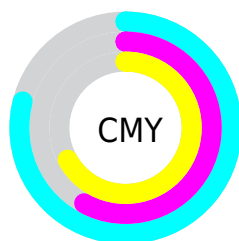
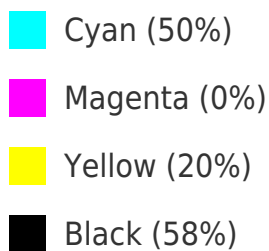
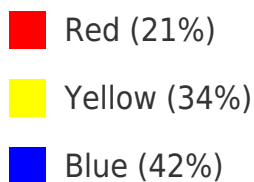
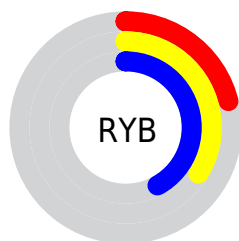
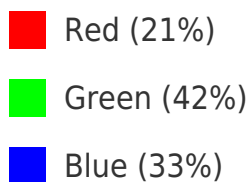
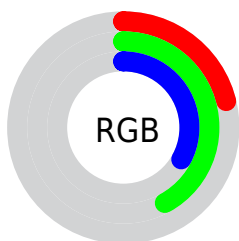
Format	Color
RYB	53, 86, 106
Decimal	3500629
CIELab	40.77, -23.21, 6.39
CIELCh	41, 24.070, 164.598
Yxy	11.7208, 0.2717, 0.3855
Android (android.graphics.Color)	4281690709 (0xFF356A55)
YUV	87.7590, -1.3602, -30.4836
Hunter-Lab	34.2357, -16.8360, 5.9173

Details

The Decimal color **3500629** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6960458**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **6790791**, and **14888** is the 20% darker color. If you saturate the color by 10%, you get **2779729**, and if you desaturate by 10%, it is **4221529**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 3500629 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 3500629 by changing the saturation by 10% instead.

 3500629

 3500629

16777215

 1856062

 6790791

 14888

 8501665

 9236

 10278332

 1280

 12120536

 0

 13959156

 15794175

 3500629

 3500629

 2779729

 4221529

 2124365

 4876893

 1403464

 5597794

 748100

 6253158

 27200

 6974058

 7694958

 8350322

 9071223

 9726587

Harmonies

Analogous

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



5138243



3500629



1796969

Triad

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



3500629



5529478



8607045

Complementary

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



3500629



6960458

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.



8868183



3500629



7297148

Square

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



3500629



3368326



8409707



7756602

Rectangle

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



3500629



1206902



8409707



8737611

Sweetspot

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



3500629



7703170



4876853



3687744



12895428



4539717

Same Dimension

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



3500629



3639913



3499370



3159603



30023



62868

Inverse Universe

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



6960458



9058136



6961717



3551282



7667758



16056417

Previews

White Background



This preview shows how the Decimal color 3500629 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



This preview shows how the Decimal color 3500629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

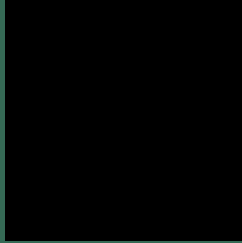
Any Text WCAG AA × Fail

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 3500629 Background



This preview shows how black text looks on a background with the Decimal color 3500629.

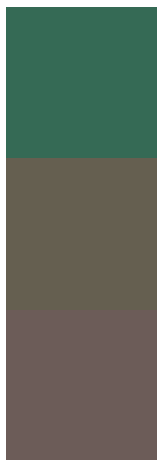


This preview shows how white text looks on a background with the Decimal color 3500629.

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
3500629

Protanopia
6643536

Deuteranopia
7101528

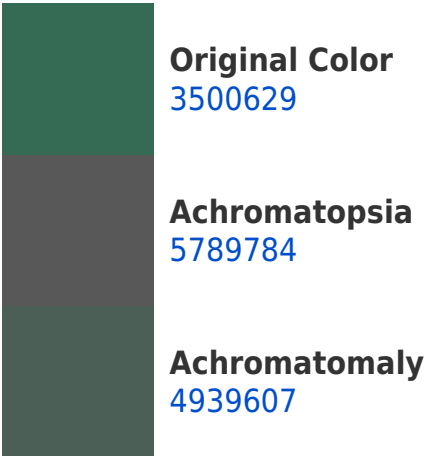


Tritanopia
3958383

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3500629 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 #356A55 looks like.

```
.text, #text, p{  
    color:#356A55  
}
```

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 #356A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356A55
}
```

Border

The CSS property to change the border of an element to Decimal 3500629 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
#356A55 }
```

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

```
.border{ border-color:#356A55 }
```

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

Here you see how a box with a 4 pixel #356A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356A55; -webkit-box-shadow:4px 4px  
4px 4px #356A55; box-shadow:4px 4px 4px  
4px #356A55 }
```

Background

The CSS property to change the background color of an element to Decimal 3500629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356A55 }
```

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

```
.background{ background-color:#356A55 }
```

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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