

Converting Colors

Decimal(3364469)

Have a look what the booklet for
Decimal(3364469) contains.

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Color

Decimal(3364469)

Conversions

Conversions Part 1

Format	Color
Hex	335675
RGB	51, 86, 117
RGB Percent	20%, 34%, 46%
CMY	0.8000, 0.6627, 0.5412
CMYK	0.56, 0.26, 0.00, 0.54
HSL	208°, 39%, 33%
HSV	208°, 56%, 46%
XYZ	7.9039, 8.6437, 18.0814
YIQ	79.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

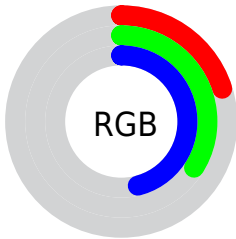
Format	Color
RYB	51, 74, 117
Decimal	3364469
CIELab	35.29, -2.83, -21.50
CIElCh	35, 21.687, 262.497
Yxy	8.6437, 0.2282, 0.2496
Android (android.graphics.Color)	4281554549 (0xFF335675)
YUV	79.0690, 18.7000, -24.6165
Hunter-Lab	29.4002, -3.4627, -15.8838




Details

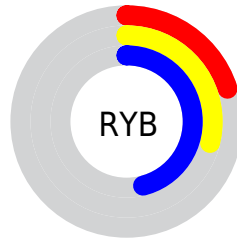
The Decimal color **3364469** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7688755**, and the grayscale version is **5197647**.




A 20% lighter version of the original color is **6719657**, and **10565** is the 20% darker color. If you saturate the color by 10%, you get **2576757**, and if you desaturate by 10%, it is **4152181**.

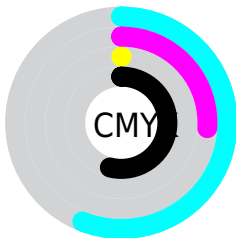
Distribution







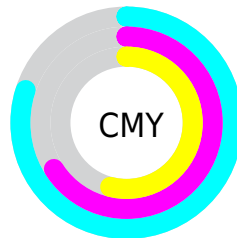
-  Red (20%)
-  Green (34%)
-  Blue (46%)






-  Red (20%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (56%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (80%)
-  Magenta (66%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3364469 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 3364469 by changing the saturation by 10% instead.



3364469



3364469

16777215



1589084



6719657



10565



8495813



5422



10272225



281



12048637



0



13956607



15794175



3364469



3364469



2576757



4152181

■ 1854325

■ 4874613

■ 1066613

■ 5662325

■ 278645

■ 6450293

■ 15989

■ 7238005

■ 7960437

■ 8748149

■ 9536117

■ 10258293

Harmonies

Analogous

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



1530478



3364469



5197939

Triad

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



3364469



7685703



4020797

Complementary

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



3364469



7688755

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.



5330482



3364469



7293752

Square

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



3364469



7489112



6443057



2579534

Rectangle

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



3364469



6179949



6443057



4479289

Sweetspot

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



3364469



8359321



3372370



4015437



13421772



5066061

Same Dimension

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



3364469



3238041



3356021



3487803



16762



34298

Inverse Universe

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



7680854



10039656



7697203



3880248



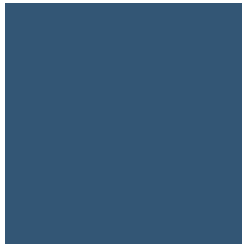
7995457



16384133

Previews

White Background



This preview shows how the Decimal color 3364469 looks on a white background.

Color Contrast Check

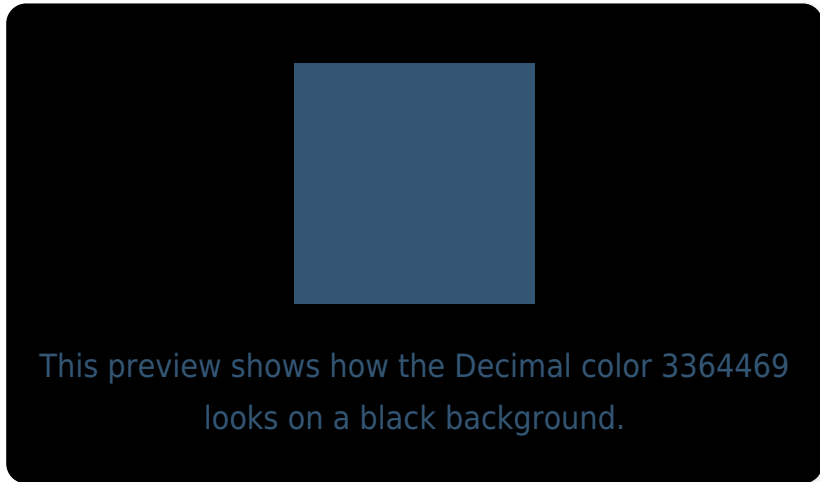
Large Text (above 18pt) WCAG AA ✓ Pass

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

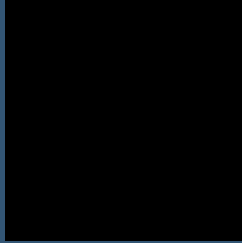
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

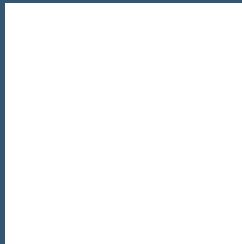
Any Text WCAG AAA × Fail

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

Decimal 3364469 Background



This preview shows how black text looks on a background with the Decimal color 3364469.

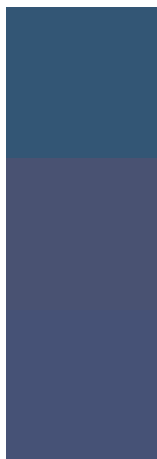


This preview shows how white text looks on a background with the Decimal color 3364469.

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

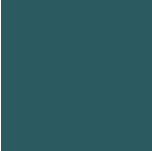
3364469

Protanopia

4805234

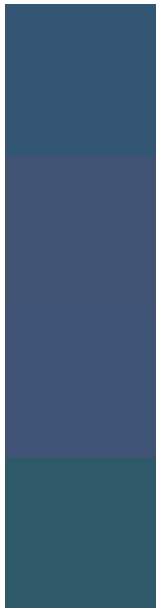
Deuteranopia

4608630



Tritanopia
2841185

Trichromacy



Original Color
3364469

Protanomaly
4281203

Deuteranomaly
4150134

Tritanomaly
3037544

Monochromacy



Original Color
3364469

Achromatopsia
5197647

Achromatomaly
4543069

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3364469 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 #335675 looks like.

```
.text, #text, p{  
    color:#335675  
}
```

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 #335675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335675
}
```

Border

The CSS property to change the border of an element to Decimal 3364469 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
#335675 }
```

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

```
.border{ border-color:#335675 }
```

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

Here you see how a box with a 4 pixel #335675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335675; -webkit-box-shadow:4px 4px  
4px 4px #335675; box-shadow:4px 4px 4px  
4px #335675 }
```

Background

The CSS property to change the background color of an element to Decimal 3364469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335675 }
```

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

```
.background{ background-color:#335675 }
```

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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