

Converting Colors

Decimal(3489621)

Have a look what the booklet for
Decimal(3489621) contains.

Decimal(3489621)	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(3489621)

Conversions

Conversions Part 1

Format	Color
Hex	353F55
RGB	53, 63, 85
RGB Percent	21%, 25%, 33%
CMY	0.7922, 0.7529, 0.6667
CMYK	0.38, 0.26, 0.00, 0.67
HSL	221°, 23%, 27%
HSV	221°, 38%, 33%
XYZ	4.8854, 4.9678, 9.2957
YIQ	62.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

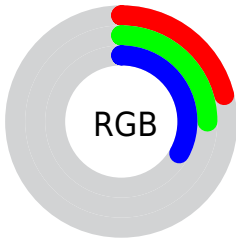
Format	Color
R_{YB}	53, 61, 85
Decimal	3489621
CIE _{Lab}	26.64, 2.10, -14.54
CIE _{LCh}	27, 14.694, 278.216
Yxy	4.9678, 0.2551, 0.2594
Android (android.graphics.Color)	4281679701 (0xFF353F55)
YUV	62.5180, 11.0836, -8.3473
Hunter-Lab	22.2885, 0.1204, -9.1257

Details

The Decimal color **3489621** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5589813**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **6647431**, and **529704** is the 20% darker color. If you saturate the color by 10%, you get **2963797**, and if you desaturate by 10%, it is **4015445**.

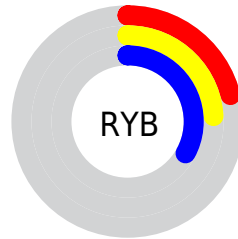
Distribution



 Red (21%)

 Green (25%)

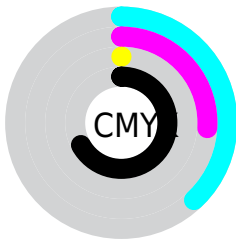
 Blue (33%)



 Red (21%)

 Yellow (24%)

 Blue (33%)

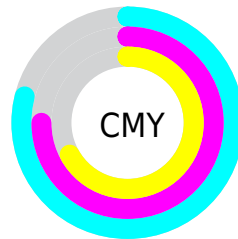


 Cyan (38%)

 Magenta (26%)

 Yellow (0%)

 Black (67%)



 Cyan (79%)

 Magenta (75%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3489621 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 3489621 by changing the saturation by 10% instead.

■ 3489621

■ 3489621

16777215

■ 2042174

■ 6647431

■ 529704

■ 8292513

■ 275

■ 10003132

■ 0

■ 11779544

■ 13621748

■ 15463935

■ 3489621

■ 3489621

■ 2963797

■ 4015445

■ 2372437

■ 4606805

■ 1846613

■ 5132629

■ 1255509

■ 5723733

■ 664149

■ 6249557

■ 138325

■ 6840917

■ 6997

■ 7432277

■ 7958101

■ 8483925

Harmonies

Analogous

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



2441811



3489621



4537169

Triad

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



3489621



5519410



2770230

Complementary

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



3489621



5589813

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.



3686957



3489621



5126954

Square

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



3489621



5584700



4472617



2049346

Rectangle

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



3489621



5060939



4472617



3097651

Sweetspot

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



3489621



6448494



3495243



3224376



12105912



3684408

Same Dimension

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



3489621



3951726



3880277



2566187



8555



18923

Inverse Universe

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



5584191



7224396



5199157



2828072



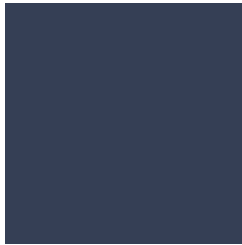
7012385



15401033

Previews

White Background



This preview shows how the Decimal color 3489621 looks on a white background.

Color Contrast Check

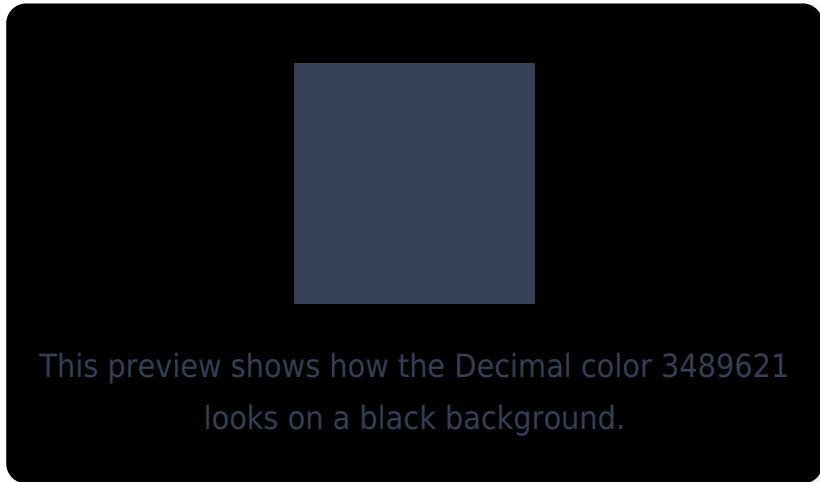
Large Text (above 18pt) WCAG AA ✓ Pass

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

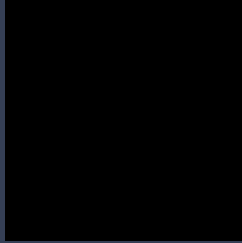
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

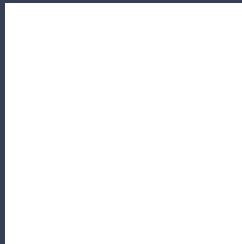
Any Text WCAG AAA × Fail

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

Decimal 3489621 Background



This preview shows how black text looks on a background with the Decimal color 3489621.

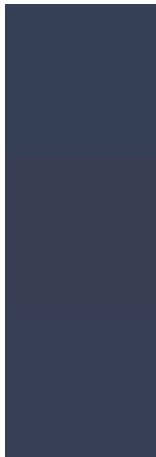


This preview shows how white text looks on a background with the Decimal color 3489621.

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

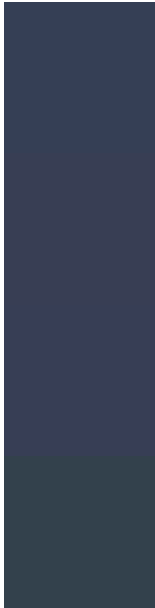


Original Color
3489621

Protanopia
3751508

Deuteranopia
3685973

Trichromacy



Original Color

3489621

Protanomaly

3685972

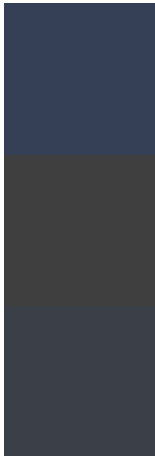
Deuteranomaly

3620437

Tritanomaly

3359052

Monochromacy



Original Color

3489621

Achromatopsia

4144959

Achromatomaly

3882823

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3489621 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 #353F55 looks like.

```
.text, #text, p{  
    color:#353F55  
}
```

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 #353F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353F55
}
```

Border

The CSS property to change the border of an element to Decimal 3489621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

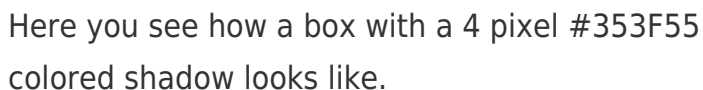
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353F55 }
```

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

```
.border{ border-color:#353F55 }
```

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



Here you see how a box with a 4 pixel #353F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353F55; -webkit-box-shadow:4px 4px  
4px 4px #353F55; box-shadow:4px 4px 4px  
4px #353F55 }
```

Background

The CSS property to change the background color of an element to Decimal 3489621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353F55 }
```

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

```
.background{ background-color:#353F55 }
```

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