

Converting Colors

Decimal(3355709)

Have a look what the booklet for
Decimal(3355709) contains.

Decimal(3355709)	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(3355709)

Conversions

Conversions Part 1

Format	Color
Hex	33343D
RGB	51, 52, 61
RGB Percent	20%, 20%, 24%
CMY	0.8000, 0.7961, 0.7608
CMYK	0.16, 0.15, 0.00, 0.76
HSL	234°, 9%, 22%
HSV	234°, 16%, 24%
XYZ	3.4355, 3.4967, 4.9087
YIQ	52.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

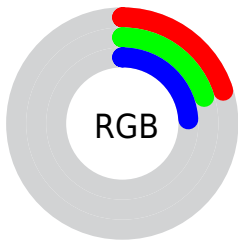
Format	Color
R_{YB}	51, 52, 61
Decimal	3355709
CIE Lab	21.93, 1.82, -5.78
CIE LCh	22, 6.059, 287.446
Yxy	3.4967, 0.2901, 0.2953
Android (android.graphics.Color)	4281545789 (0xFF33343D)
YUV	52.7270, 4.0786, -1.5146
Hunter-Lab	18.6995, 0.0705, -2.4744

Details

The Decimal color **3355709** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4013107**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **6382188**, and **329235** is the 20% darker color. If you saturate the color by 10%, you get **2961213**, and if you desaturate by 10%, it is **3750205**.

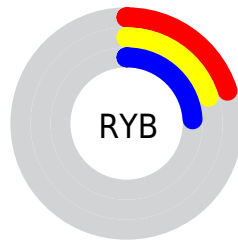
Distribution



Red (20%)

Green (20%)

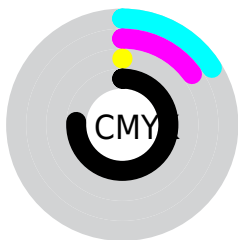
Blue (24%)



Red (20%)

Yellow (20%)

Blue (24%)

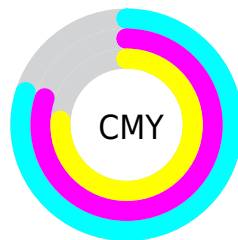


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (76%)



Cyan (80%)

Magenta (80%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3355709 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 3355709 by changing the saturation by 10% instead.

■ 3355709

■ 3355709

16777215

■ 1974055

■ 6382188

■ 329235

■ 8027014

■ 0

■ 9737632

■ 11514043

■ 13290454

■ 15132659

■ 3355709

■ 3355709

■ 2961213

■ 3750205

■ 2566461

■ 4144957

■ 2171965

■ 4539453

■ 1777213

■ 4934205

■ 1382717

■ 5394237

■ 922429

■ 5788989

■ 527933

■ 6183485

■ 133181

■ 6578237

■ 1597

■ 6972733

Harmonies

Analogous

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



2962749



3355709



3748667

Triad

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



3355709



4010542



2897714

Complementary

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



3355709



4013107

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.



3159598



3355709



3814444

Square

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



3355709



4076082



3487020



2701111

Rectangle

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



3355709



3879480



3487020



2963249

Sweetspot

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



3355709



4934479



3358012



2500393



11053224



2697513

Same Dimension

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



3355709



4145487



3617597



1842207



2398



5854

Inverse Universe

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



4010804



5193537



3751219



2038812



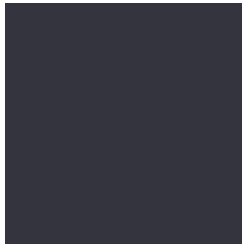
6160393



14549014

Previews

White Background



This preview shows how the Decimal color 3355709 looks on a white background.

Color Contrast Check

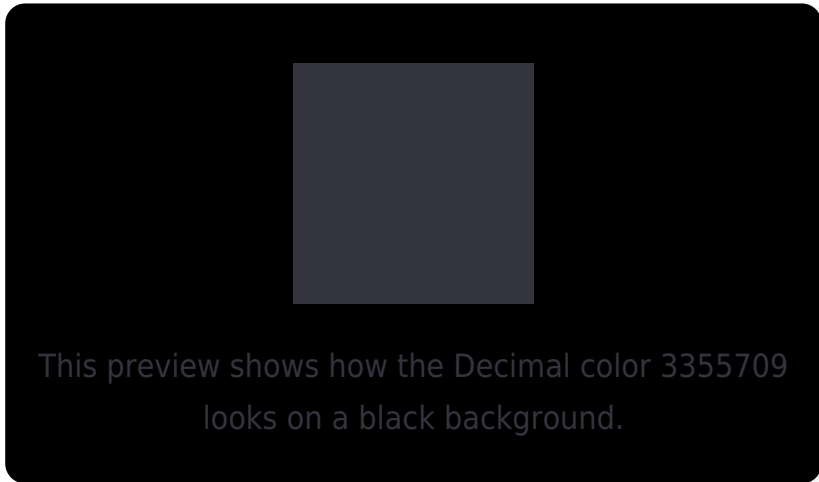
Large Text (above 18pt) WCAG AA ✓ Pass

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

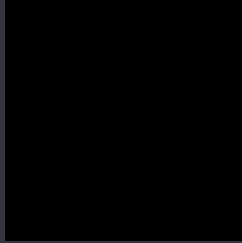
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

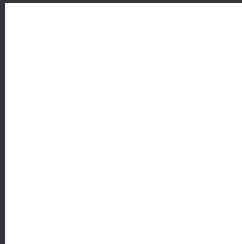
Any Text WCAG AAA × Fail

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

Decimal 3355709 Background



This preview shows how black text looks on a background with the Decimal color 3355709.



This preview shows how white text looks on a background with the Decimal color 3355709.

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

3355709

Protanopia

3355709

Deuteranopia

3486525



Tritanopia
3290425

Trichromacy



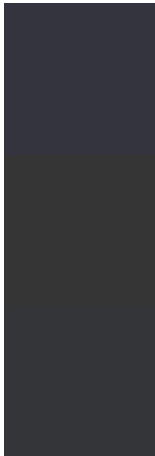
Original Color
3355709

Protanomaly
3355709

Deuteranomaly
3420989

Tritanomaly
3290426

Monochromacy



Original Color
3355709

Achromatopsia
3487029

Achromatomaly
3421496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3355709 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 #33343D looks like.

```
.text, #text, p{  
  color:#33343D  
}
```

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 #33343D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33343D
}
```

Border

The CSS property to change the border of an element to Decimal 3355709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

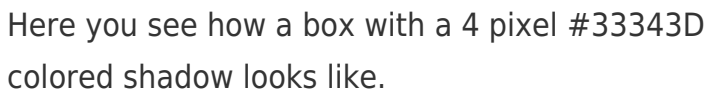
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33343D }
```

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

```
.border{ border-color:#33343D }
```

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



Here you see how a box with a 4 pixel #33343D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33343D; -webkit-box-shadow:4px 4px  
4px 4px #33343D; box-shadow:4px 4px 4px  
4px #33343D }
```

Background

The CSS property to change the background color of an element to Decimal 3355709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33343D }
```

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

```
.background{ background-color:#33343D }
```

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