

Converting Colors

Decimal(3355199)

Have a look what the booklet for
Decimal(3355199) contains.

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Color

Decimal(3355199)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 33323F |
| RGB | 51, 50, 63 |
| RGB Percent | 20%, 20%, 25% |
| CMY | 0.8000, 0.8039, 0.7529 |
| CMYK | 0.19, 0.21, 0.00, 0.75 |
| HSL | 245°, 12%, 22% |
| HSV | 245°, 21%, 25% |
| XYZ | 3.4030, 3.3439, 5.1687 |
| YIQ | 51.7810, -3.5770, 4.2550 |

Conversions

Conversions Part 2

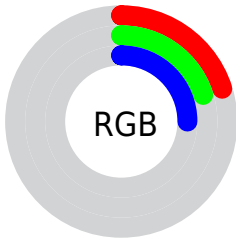
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 51, 50, 63 |
| Decimal | 3355199 |
| CIE Lab | 21.37, 3.71, -7.98 |
| CIE LCh | 21, 8.803, 294.935 |
| Yxy | 3.3439, 0.2856, 0.2806 |
| Android (android.graphics.Color) | 4281545279 (0xFF33323F) |
| YUV | 51.7810, 5.5310, -0.6849 |
| Hunter-Lab | 18.2863, 1.2174, -3.9581 |

Details

The Decimal color **3355199** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4079410**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **6381679**, and **394005** is the 20% darker color. If you saturate the color by 10%, you get **2960447**, and if you desaturate by 10%, it is **3749951**.

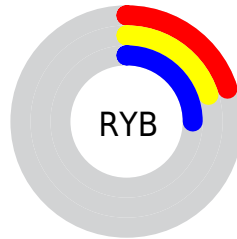
Distribution



 Red (20%)

 Green (20%)

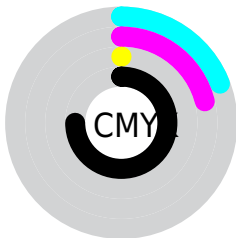
 Blue (25%)



 Red (20%)

 Yellow (20%)

 Blue (25%)

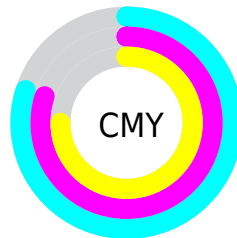


 Cyan (19%)

 Magenta (21%)

 Yellow (0%)

 Black (75%)



 Cyan (80%)

 Magenta (80%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3355199 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 3355199 by changing the saturation by 10% instead.

■ 3355199

■ 3355199

16777215

■ 1973545

■ 6381679

■ 394005

■ 8026504

■ 0

■ 9737122

■ 11513277

■ 13289945

■ 15132149

■ 3355199

■ 3355199

■ 2960447

■ 3749951

■ 2565439

■ 4144959

■ 2236223

■ 4474175

■ 1841471

■ 4868927

■ 1446719

■ 5263935

■ 1051711

■ 5658687

■ 656959

■ 6053439

■ 327743

■ 6448191

■ 6777663

Harmonies

Analogous

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



2765888



3355199



3878971

Triad

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



3355199



4075561



2438962

Complementary

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



3355199



4079410

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.



2831916



3355199



3748390

Square

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



3355199



4271918



3290407



2176824

Rectangle

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



3355199



4075319



3290407



2570032

Sweetspot

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



3355199



5066066



3292735



2500137



11053224



2697513

Same Dimension

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



3355199



4144466



3748415



1842207



458846



1114334

Inverse Universe

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



4141630



5389648



3686194



2038814



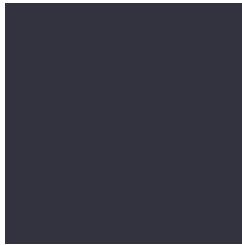
6160471



14549197

Previews

White Background



This preview shows how the Decimal color 3355199 looks on a white background.

Color Contrast Check

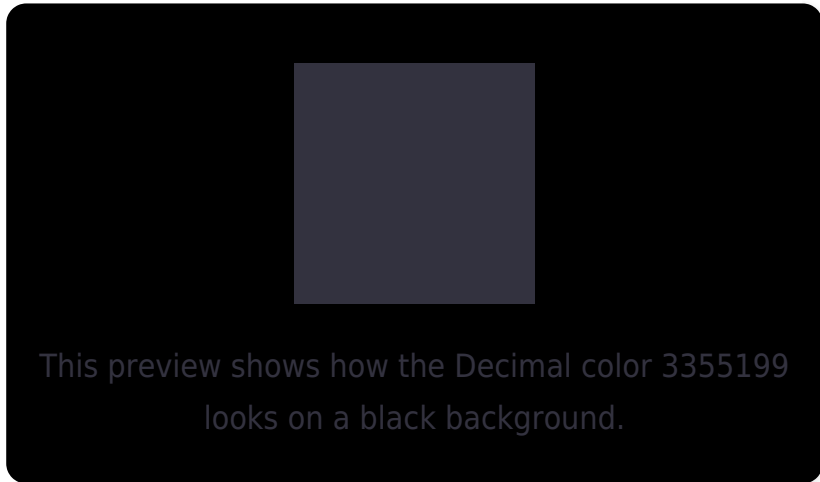
Large Text (above 18pt) WCAG AA ✓ Pass

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

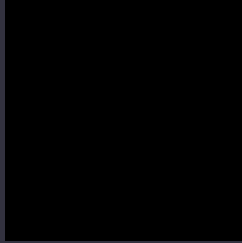
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

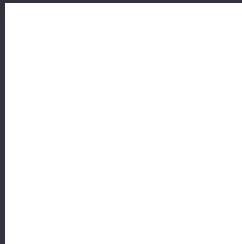
Any Text WCAG AAA × Fail

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

Decimal 3355199 Background



This preview shows how black text looks on a background with the Decimal color 3355199.



This preview shows how white text looks on a background with the Decimal color 3355199.

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](#).

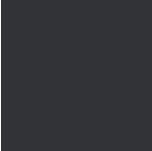
Dichromacy



Original Color
3355199

Protanopia
3158848

Deuteranopia
3289663



Tritanopia
3289911

Trichromacy



Original Color

3355199

Protanomaly

3224384

Deuteranomaly

3289663

Tritanomaly

3289914

Monochromacy



Original Color

3355199

Achromatopsia

3421236

Achromatomaly

3420984

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3355199 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 #33323F looks like.

```
.text, #text, p{  
  color:#33323F  
}
```

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 #33323F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33323F
}
```

Border

The CSS property to change the border of an element to Decimal 3355199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

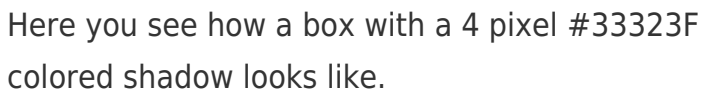
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33323F }
```

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

```
.border{ border-color:#33323F }
```

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



Here you see how a box with a 4 pixel #33323F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33323F; -webkit-box-shadow:4px 4px  
4px 4px #33323F; box-shadow:4px 4px 4px  
4px #33323F }
```

Background

The CSS property to change the background color of an element to Decimal 3355199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33323F }
```

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

```
.background{ background-color:#33323F }
```

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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