

Converting Colors

Decimal(3355443)

Have a look what the booklet for
Decimal(3355443) contains.

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Color

Decimal(3355443)

Conversions

Conversions Part 1

Format	Color
Hex	333333
RGB	51, 51, 51
RGB Percent	20%, 20%, 20%
CMY	0.8000, 0.8000, 0.8000
CMYK	0.00, 0.00, 0.00, 0.80
HSL	0°, 0%, 20%
HSV	0°, 0%, 20%
XYZ	3.1466, 3.3105, 3.6051
YIQ	51.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	51, 51, 51
Decimal	3355443
CIE Lab	21.25, 0.00, -0.00
CIE LCh	21, 0.004, 296.813
Yxy	3.3105, 0.3127, 0.3290
Android (android.graphics.Color)	4281545523 (0xFF333333)
YUV	51.0000, 0.0000, 0.0000
Hunter-Lab	18.1947, -0.9708, 0.9886

Details

The Decimal color **3355443** is a dark color, and the **websafe** version is hex **333333**, and the color name is **dark charcoal**. A complement of this color would be **3355443**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **6381921**, and **328965** is the 20% darker color. If you saturate the color by 10%, you get **3354158**, and if you desaturate by 10%, it is **3356728**.

Distribution



Red (20%)

Green (20%)

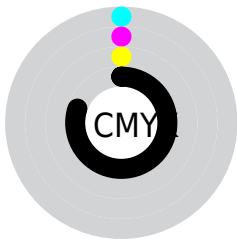
Blue (20%)



Red (20%)

Yellow (20%)

Blue (20%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3355443 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 3355443 by changing the saturation by 10% instead.

■ 3355443
■ 4868682
■ 6381921
■ 8026746
■ 9737364
■ 11447982
■ 13290186
■ 15132390
16777215

■ 3355443
■ 1973790
■ 328965
■ 0

■ 3355443
■ 3354158
■ 3352873
■ 3351588
■ 3350303
■ 3349018
■ 3347476

■ 3355443
■ 3356728
■ 3358013
■ 3359298
■ 3360583
■ 3362125
■ 3363410

■ 3346191

■ 3364695

■ 3344906

■ 3365980

■ 3343621

■ 3367265

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



3355443



4342338



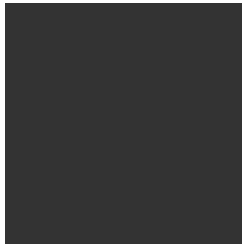
2171169



10592673

Previews

White Background



This preview shows how the Decimal color 3355443 looks on a white background.

Color Contrast Check

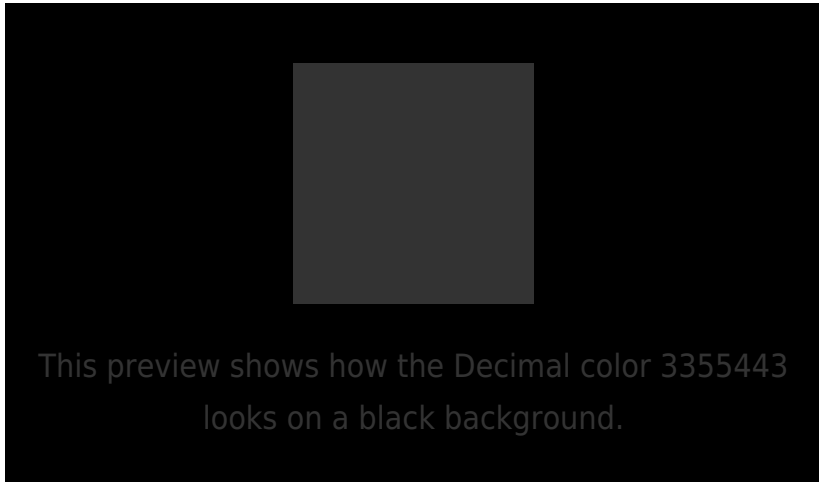
Large Text (above 18pt) WCAG AA ✓ Pass

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

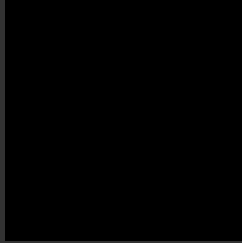
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

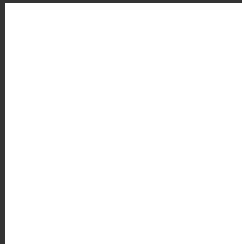
Any Text WCAG AAA × Fail

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

Decimal 3355443 Background



This preview shows how black text looks on a background with the Decimal color 3355443.

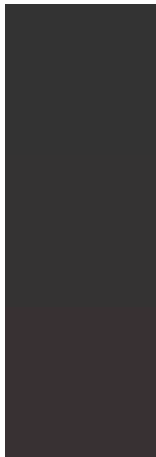


This preview shows how white text looks on a background with the Decimal color 3355443.

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
3355443

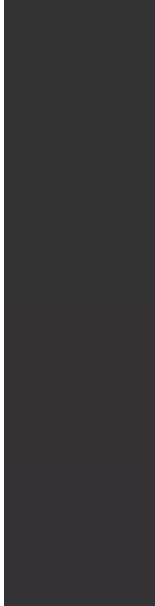
Protanopia
3420979

Deuteranopia
3682611



Tritanopia
3420726

Trichromacy



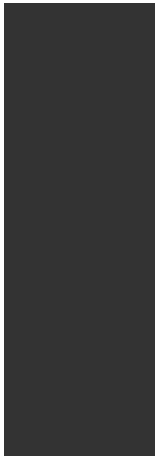
Original Color
3355443

Protanomaly
3420979

Deuteranomaly
3551795

Tritanomaly
3420725

Monochromacy



Original Color
3355443

Achromatopsia
3355443

Achromatomaly
3355443

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3355443 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 #333333 looks like.

```
.text, #text, p{  
  color:#333333  
}
```

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 #333333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333333  
}
```

Border

The CSS property to change the border of an element to Decimal 3355443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

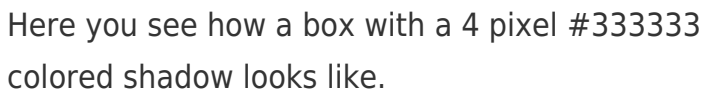
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#333333 }
```

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

```
.border{ border-color:#333333 }
```

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



Here you see how a box with a 4 pixel #333333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333333; -webkit-box-shadow:4px 4px  
4px 4px #333333; box-shadow:4px 4px 4px  
4px #333333 }
```

Background

The CSS property to change the background color of an element to Decimal 3355443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333333 }
```

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

```
.background{ background-color:#333333 }
```

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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