

Converting Colors

Decimal(3394659)

Have a look what the booklet for
Decimal(3394659) contains.

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Color

Decimal(3394659)

Conversions

Conversions Part 1

Format	Color
Hex	33CC63
RGB	51, 204, 99
RGB Percent	20%, 80%, 39%
CMY	0.8000, 0.2000, 0.6118
CMYK	0.75, 0.00, 0.51, 0.20
HSL	139°, 60%, 50%
HSV	139°, 75%, 80%
XYZ	25.2102, 44.7904, 19.1211
YIQ	146.2830, -57.4830, -65.0910

Conversions

Conversions Part 2

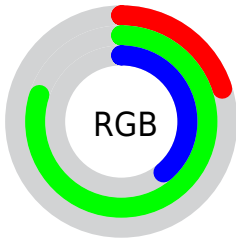
Format	Color
RYB	51, 167, 204
Decimal	3394659
CIELab	72.75, -61.30, 41.02
CIElCh	73, 73.765, 146.210
Yxy	44.7904, 0.2829, 0.5026
Android (android.graphics.Color)	4281584739 (0xFF33CC63)
YUV	146.2830, -23.3105, -83.5632
Hunter-Lab	66.9256, -49.8806, 29.9084

Details

The Decimal color **3394659** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **13382556**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7929752**, and **37936** is the 20% darker color. If you saturate the color by 10%, you get **2083925**, and if you desaturate by 10%, it is **4705393**.

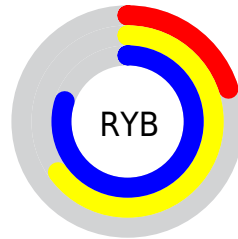
Distribution



Red (20%)

Green (80%)

Blue (39%)



Red (20%)

Yellow (65%)

Blue (80%)

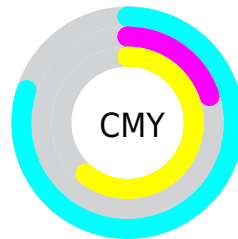


Cyan (75%)

Magenta (0%)

Yellow (51%)

Black (20%)



Cyan (80%)

Magenta (20%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3394659 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 3394659 by changing the saturation by 10% instead.

 3394659

 3394659

16777215

 45130

 7929752

 37936

 9895859

 30998

 11927503

 24320

 13893612

 17920

 15925247

 12032

 4352

 0

 3394659

 3394659

■ 2083925

■ 4705393

■ 707655

■ 6081663

■ 52288

■ 7392397

■ 8768667

■ 10079401

■ 11390135

■ 12766405

■ 14077139

■ 15453409

Harmonies

Analogous

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



10141736



3394659



53927

Triad

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



3394659



48639



16742267

Complementary

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



3394659



13382556

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.



16740542



3394659



10659071

Square

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



3394659



52479



16549631



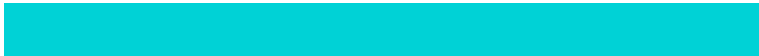
16748864

Rectangle

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



3394659



53974



16549631



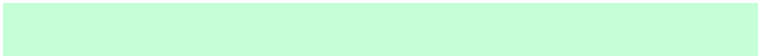
16740753

Sweetspot

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



3394659



12910551



10406963



6062183



0



8421504

Same Dimension

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



3394659



1703777



3394733



6055519



42548



9740

Inverse Universe

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



13382556



16718263



13382482



6708323



10879090



2490394

Previews

White Background



This preview shows how the Decimal color 3394659 looks on a white background.

Color Contrast Check

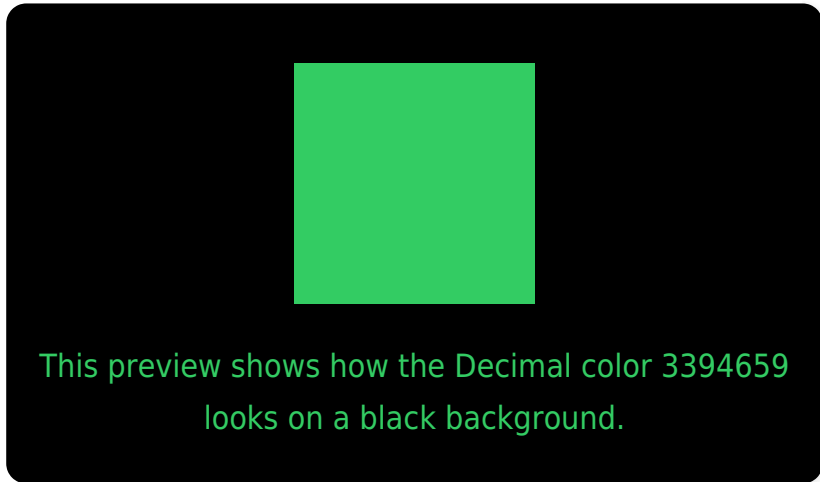
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

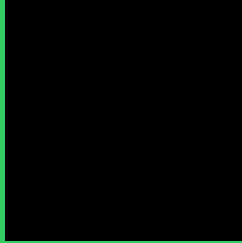
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 3394659 Background



This preview shows how black text looks on a background with the Decimal color 3394659.



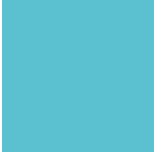
This preview shows how white text looks on a background with the Decimal color 3394659.

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





Tritanopia
6013136

Trichromacy



Original Color

3394659



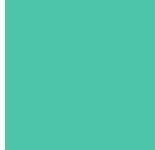
Protanomaly

9419613



Deuteranomaly

10204777



Tritanomaly

5031080

Monochromacy



Original Color

3394659



Achromatopsia

9605778



Achromatomaly

7317377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3394659 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 #33CC63 looks like.

```
.text, #text, p{  
    color:#33CC63  
}
```

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 #33CC63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33CC63
}
```

Border

The CSS property to change the border of an element to Decimal 3394659 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
#33CC63 }
```

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

```
.border{ border-color:#33CC63 }
```

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

Here you see how a box with a 4 pixel #33CC63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33CC63; -webkit-box-shadow:4px 4px  
4px 4px #33CC63; box-shadow:4px 4px 4px  
4px #33CC63 }
```

Background

The CSS property to change the background color of an element to Decimal 3394659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33CC63 }
```

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

```
.background{ background-color:#33CC63 }
```

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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