

Converting Colors

Decimal(335946)

Have a look what the booklet for
Decimal(335946) contains.

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Color

Decimal(335946)

Conversions

Conversions Part 1

Format	Color
Hex	05204A
RGB	5, 32, 74
RGB Percent	2%, 13%, 29%
CMY	0.9804, 0.8745, 0.7098
CMYK	0.93, 0.57, 0.00, 0.71
HSL	217°, 87%, 15%
HSV	217°, 93%, 29%
XYZ	1.8151, 1.5597, 6.6839
YIQ	28.7150, -29.5740, 7.3380

Conversions

Conversions Part 2

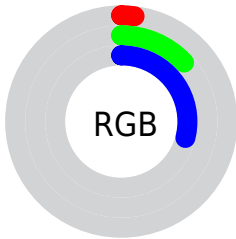
Format	Color
RYB	5, 24, 74
Decimal	335946
CIELab	12.98, 8.72, -28.93
CIElCh	13, 30.212, 286.779
Yxy	1.5597, 0.1805, 0.1551
Android (android.graphics.Color)	4278526026 (0xFF05204A)
YUV	28.7150, 22.3255, -20.7981
Hunter-Lab	12.4888, 4.0879, -22.9896

Details

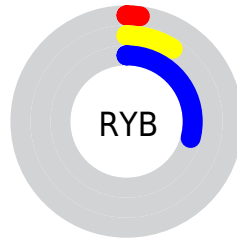
The Decimal color **335946** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4861701**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **4017019**, and **541** is the 20% darker color. If you saturate the color by 10%, you get **7498**, and if you desaturate by 10%, it is **795978**.

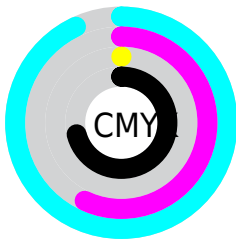
Distribution



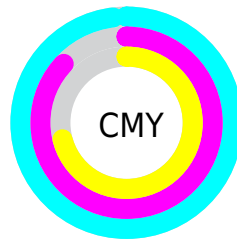
- Red (2%)
- Green (13%)
- Blue (29%)



- Red (2%)
- Yellow (9%)
- Blue (29%)



- Cyan (93%)
- Magenta (57%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 335946 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 335946 by changing the saturation by 10% instead.

■ 335946 ■ 335946

■ 16515071 ■ 2099

■ 4017019 ■ 541

■ 5727125 ■ 0

■ 7437488

■ 9148108

■ 10924264

■ 12766463

■ 14608639

■ 335946 ■ 335946

■ 7498

■ 795978

■ 1321290

■ 1781322

■ 2306634

■ 2766666

■ 3226442

■ 3752010

■ 4211786

■ 4737354

Harmonies

Analogous

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



10059



335946



3216958

Triad

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



335946



4199168



10775

Complementary

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



335946



4861701

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.



534528



335946



3284224

Square

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



335946



4589847



2106368



11053

Rectangle

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



335946



4066866



2106368



10767

Sweetspot

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



335946



4608097



346670



2106928



11579568



3158064

Same Dimension

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



335946



9825



787786



2237478



10342



23270

Inverse Universe

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



4850976



6357030



4409861



2499108



6684712



15073370

Previews

White Background



This preview shows how the Decimal color 335946 looks on a white background.

Color Contrast Check

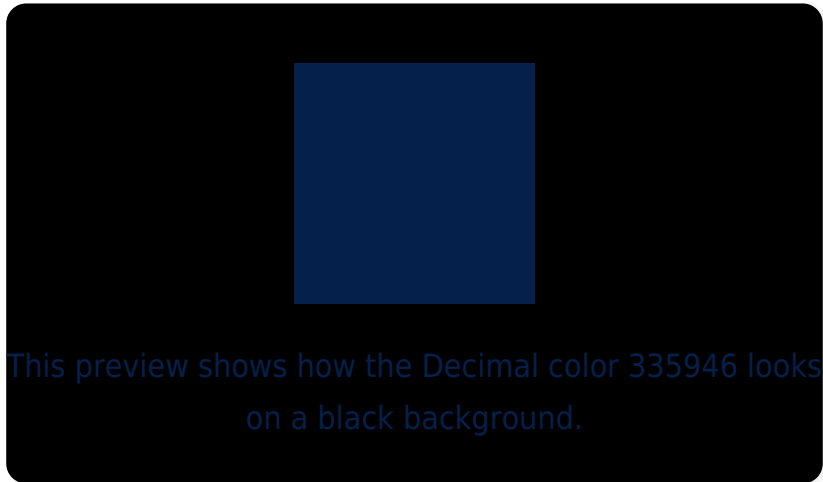
Large Text (above 18pt) WCAG AA ✓ Pass

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

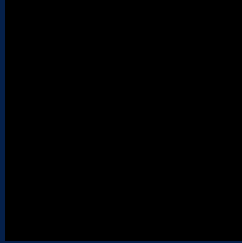
Any Text WCAG AA × Fail

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 335946 Background



This preview shows how black text looks on a background with the Decimal color 335946.



This preview shows how white text looks on a background with the Decimal color 335946.

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
335946

Protanopia
8518

Deuteranopia
9020

Trichromacy



Original Color
335946

Protanomaly
139591

Deuteranomaly
139841

Tritanomaly
140340

Monochromacy



Original Color
335946

Achromatopsia
1907997

Achromatomaly
1318445

CSS Examples

Text

The CSS property to change the color of the text to Decimal 335946 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 #05204A looks like.

```
.text, #text, p{  
    color:#05204A  
}
```

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 #05204A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05204A
}
```

Border

The CSS property to change the border of an element to Decimal 335946 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".

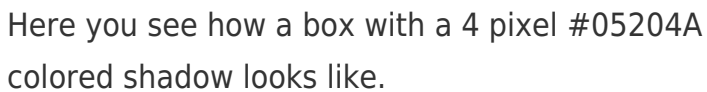
```
.border, #border, table{ border:4px solid
#05204A }
```

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

```
.border{ border-color:#05204A }
```

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

Here you see how a box with a 4 pixel #05204A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thick dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05204A; -webkit-box-shadow:4px 4px  
4px 4px #05204A; box-shadow:4px 4px 4px  
4px #05204A }
```

Background

The CSS property to change the background color of an element to Decimal 335946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05204A }
```

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

```
.background{ background-color:#05204A }
```

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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