

Converting Colors

Decimal(335966)

Have a look what the booklet for
Decimal(335966) contains.

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Color

Decimal(335966)

Conversions

Conversions Part 1

Format	Color
Hex	05205E
RGB	5, 32, 94
RGB Percent	2%, 13%, 37%
CMY	0.9804, 0.8745, 0.6314
CMYK	0.95, 0.66, 0.00, 0.63
HSL	222°, 90%, 19%
HSV	222°, 95%, 37%
XYZ	2.5995, 1.8734, 10.8143
YIQ	30.9950, -35.9940, 13.5580

Conversions

Conversions Part 2

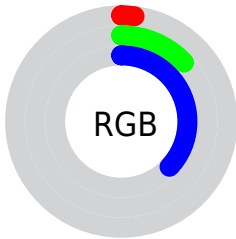
Format	Color
R_{YB}	5, 26, 94
Decimal	335966
CIE _{Lab}	14.81, 17.85, -39.50
CIE _{LCh}	15, 43.348, 294.315
Yxy	1.8734, 0.1700, 0.1225
Android (android.graphics.Color)	4278526046 (0xFF05205E)
YUV	30.9950, 31.0615, -22.7976
Hunter-Lab	13.6874, 9.9475, -37.2634

Details

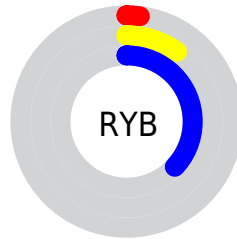
The Decimal color **335966** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6177541**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **4541585**, and **1071** is the 20% darker color. If you saturate the color by 10%, you get **7518**, and if you desaturate by 10%, it is **927582**.

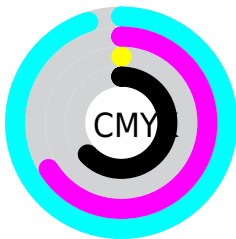
Distribution



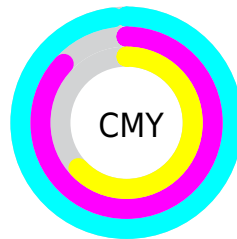
- Red (2%)
- Green (13%)
- Blue (37%)



- Red (2%)
- Yellow (10%)
- Blue (37%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (87%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 335966 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 335966 by changing the saturation by 10% instead.

■ 335966 ■ 335966

16777215 ■ 2886

■ 4541585 ■ 1071

■ 6251436 ■ 281

■ 8027336 ■ 0

■ 9803492

■ 11645439

■ 13487359

■ 15395071

■ 335966 ■ 335966

■ 7518

■ 927582

■ 1584478

■ 2176094

■ 2832990

■ 3424606

■ 4015966

■ 4673118

■ 5264478

■ 5921630

Harmonies

Analogous

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



11107



335966



4393545

Triad

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



335966



4854272



12574

Complementary

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



335966



6177541

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.



12032



335966



3416576

Square

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



335966



5701645



1518336



12862

Rectangle

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



335966



5374007



1518336



12563

Sweetspot

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



335966



5792634



351810



2633533



12434877



4013373

Same Dimension

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



335966



9594



1377630



2698030



8558



18669

Inverse Universe

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



6161696



7995429



5135877



3025195



7208993



15532104

Previews

White Background



This preview shows how the Decimal color 335966 looks on a white background.

Color Contrast Check

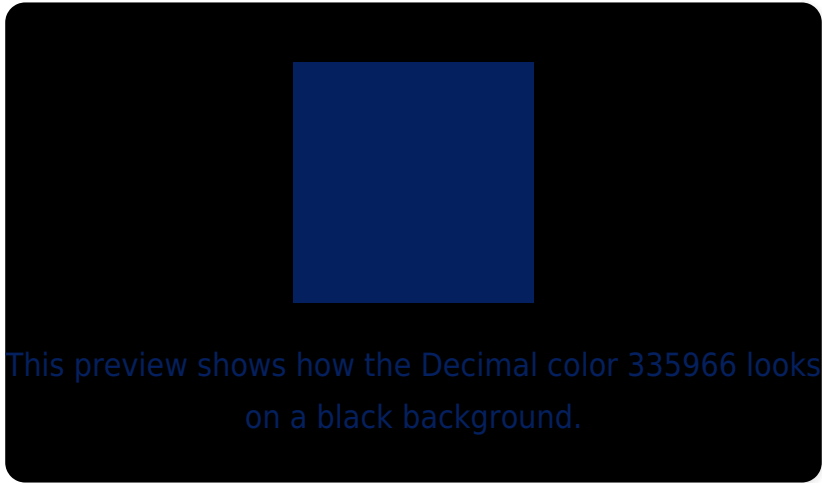
Large Text (above 18pt) WCAG AA ✓ Pass

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

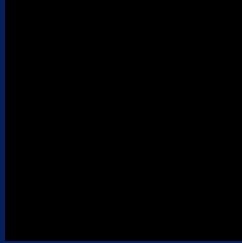
Any Text WCAG AA × Fail

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 335966 Background



This preview shows how black text looks on a background with the Decimal color 335966.



This preview shows how white text looks on a background with the Decimal color 335966.

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
335966

Protanopia
9550

Deuteranopia
10051



Tritanopia
11053

Trichromacy



Original Color
335966

Protanomaly
140116

Deuteranomaly
140365

Tritanomaly
141119

Monochromacy



Original Color
335966

Achromatopsia
2039583

Achromatomaly
1449782

CSS Examples

Text

The CSS property to change the color of the text to Decimal 335966 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 #05205E looks like.

```
.text, #text, p{  
    color:#05205E  
}
```

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 #05205E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05205E
}
```

Border

The CSS property to change the border of an element to Decimal 335966 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
#05205E }
```

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

```
.border{ border-color:#05205E }
```

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

Here you see how a box with a 4 pixel #05205E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05205E; -webkit-box-shadow:4px 4px  
4px 4px #05205E; box-shadow:4px 4px 4px  
4px #05205E }
```

Background

The CSS property to change the background color of an element to Decimal 335966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05205E }
```

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

```
.background{ background-color:#05205E }
```

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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