

Converting Colors

Decimal(333640)

Have a look what the booklet for
Decimal(333640) contains.

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Color

Decimal(333640)

Conversions

Conversions Part 1

Format	Color
Hex	051748
RGB	5, 23, 72
RGB Percent	2%, 9%, 28%
CMY	0.9804, 0.9098, 0.7176
CMYK	0.93, 0.68, 0.00, 0.72
HSL	224°, 87%, 15%
HSV	224°, 93%, 28%
XYZ	1.5387, 1.1129, 6.2646
YIQ	23.2040, -26.4570, 11.4230

Conversions

Conversions Part 2

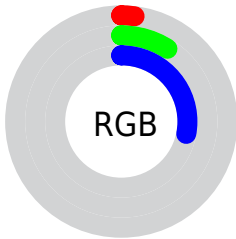
Format	Color
R_{YB}	5, 19, 72
Decimal	333640
CIE Lab	9.90, 14.85, -32.56
CIE LCh	10, 35.785, 294.522
Yxy	1.1129, 0.1726, 0.1248
Android (android.graphics.Color)	4278523720 (0xFF051748)
YUV	23.2040, 24.0564, -15.9649
Hunter-Lab	10.5496, 7.5729, -27.8232

Details

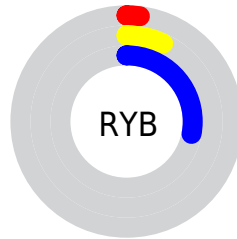
The Decimal color **333640** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4732421**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **4014457**, and **283** is the 20% darker color. If you saturate the color by 10%, you get **4936**, and if you desaturate by 10%, it is **793672**.

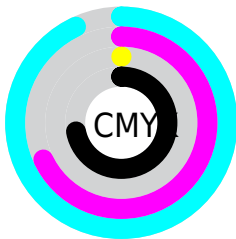
Distribution



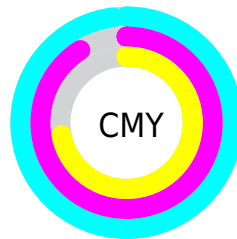
- Red (2%)
- Green (9%)
- Blue (28%)



- Red (2%)
- Yellow (7%)
- Blue (28%)



- Cyan (93%)
- Magenta (68%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 333640 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 333640 by changing the saturation by 10% instead.

■ 333640

■ 333640

■ 16578815

■ 49

■ 4014457

■ 283

■ 5724307

■ 0

■ 7434670

■ 9145034

■ 10921446

■ 12763391

■ 14671103

■ 333640

■ 333640

■ 4936

■ 793672

■ 1253960

■ 1779528

■ 2239560

■ 2699592

■ 3159880

■ 3619912

■ 4145480

■ 4605512

Harmonies

Analogous

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



8268



333640



3343928

Triad

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



333640



3673088



9750

Complementary

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



333640



4732421

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.



9216



333640



2562304

Square

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



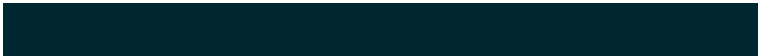
333640



4390914



991232



9775

Rectangle

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



333640



4128809



991232



9739

Sweetspot

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



333640



4475742



346165



2106416



11579568



3158064

Same Dimension

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



333640



6494



1312072



2105636



7011



15843

Inverse Universe

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



4719895



6160409



3753989



2367521



6488091



14876733

Previews

White Background



This preview shows how the Decimal color 333640 looks on a white background.

Color Contrast Check

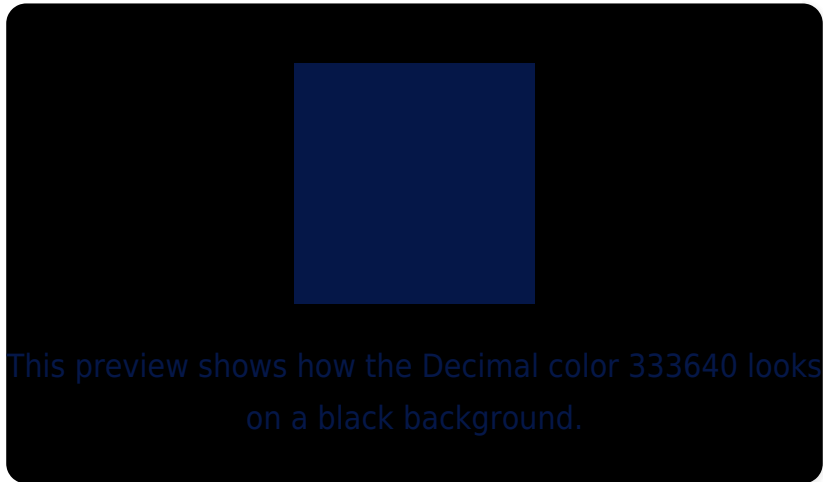
Large Text (above 18pt) WCAG AA ✓ Pass

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

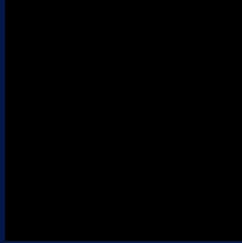
Any Text WCAG AA × Fail

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 333640 Background



This preview shows how black text looks on a background with the Decimal color 333640.



This preview shows how white text looks on a background with the Decimal color 333640.

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
333640

Protanopia
6970

Deuteranopia
7473

Trichromacy



Original Color
333640

Protanomaly
137791

Deuteranomaly
138041

Tritanomaly
138543

Monochromacy



Original Color
333640

Achromatopsia
1513239

Achromatomaly
1054505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 333640 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 #051748 looks like.

```
.text, #text, p{  
    color:#051748  
}
```

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 #051748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051748
}
```

Border

The CSS property to change the border of an element to Decimal 333640 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
#051748 }
```

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

```
.border{ border-color:#051748 }
```

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

Here you see how a box with a 4 pixel #051748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051748; -webkit-box-shadow:4px 4px  
4px 4px #051748; box-shadow:4px 4px 4px  
4px #051748 }
```

Background

The CSS property to change the background color of an element to Decimal 333640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051748 }
```

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

```
.background{ background-color:#051748 }
```

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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