

Converting Colors

Decimal(336678)

Have a look what the booklet for
Decimal(336678) contains.

Decimal(336678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(336678)

Conversions

Conversions Part 1

Format	Color
Hex	052326
RGB	5, 35, 38
RGB Percent	2%, 14%, 15%
CMY	0.9804, 0.8627, 0.8510
CMYK	0.87, 0.08, 0.00, 0.85
HSL	185°, 77%, 8%
HSV	185°, 87%, 15%
XYZ	1.0135, 1.3743, 2.0456
YIQ	26.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

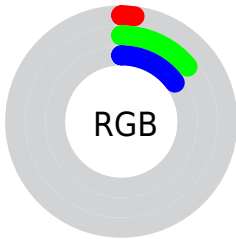
Format	Color
RYB	5, 21, 38
Decimal	336678
CIELab	11.79, -9.71, -5.26
CIELCh	12, 11.047, 208.446
Yxy	1.3743, 0.2286, 0.3100
Android (android.graphics.Color)	4278526758 (0xFF052326)
YUV	26.3720, 5.7326, -18.7432
Hunter-Lab	11.7229, -5.0834, -2.1396

Details

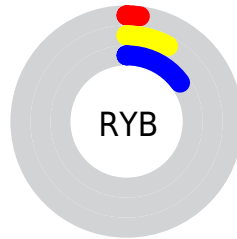
The Decimal color **336678** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2492421**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **3362899**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **74534**, and if you desaturate by 10%, it is **598822**.

Distribution



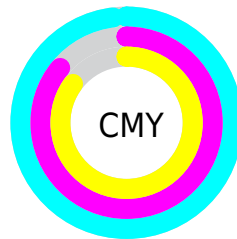
- Red (2%)
- Green (14%)
- Blue (15%)



- Red (2%)
- Yellow (8%)
- Blue (15%)



- Cyan (87%)
- Magenta (8%)
- Yellow (0%)
- Black (85%)



- Cyan (98%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 336678 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 336678 by changing the saturation by 10% instead.



336678



336678



15400959



3345



3362899



0



4941931



6521220



8166302



9942713



11719125



13495793



336678



336678

■ 74534

■ 598822

■ 8998

■ 861222

■ 1057830

■ 1319974

■ 1582374

■ 1844518

■ 2106662

■ 2303526

■ 2565670

Harmonies

Analogous

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



729886



336678



598572

Triad

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



336678



2628391



2432527

Complementary

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



336678



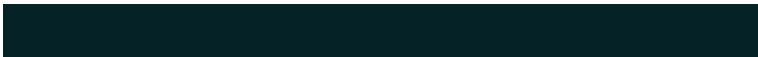
2492421

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.



2825234



336678



295552

Square

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



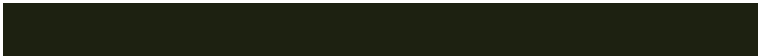
336678



2039084



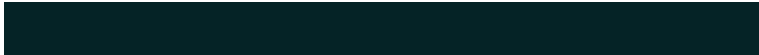
3021336



1909009

Rectangle

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



336678



1057070



3021336



2563600

Sweetspot

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



336678



2371376



337416



1186074



10066329



1710618

Same Dimension

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



336678



11312



332582



1053202



19026



48849

Inverse Universe

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



2491683



3145772



2496517



1183762



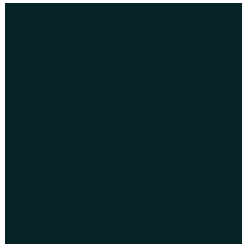
5374026



13697214

Previews

White Background



This preview shows how the Decimal color 336678 looks on a white background.

Color Contrast Check

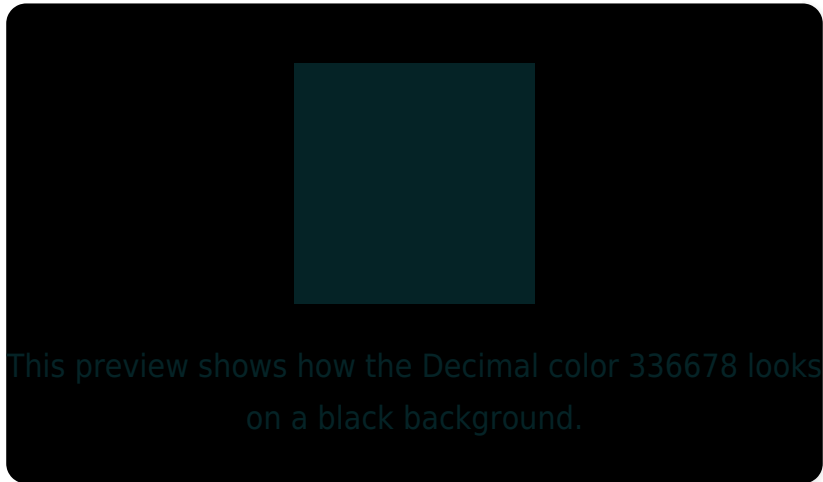
Large Text (above 18pt) WCAG AA ✓ Pass

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

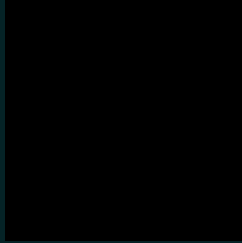
Any Text WCAG AA × Fail

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 336678 Background



This preview shows how black text looks on a background with the Decimal color 336678.



This preview shows how white text looks on a background with the Decimal color 336678.

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
336678

Protanopia
2039588

Deuteranopia
2039591



Tritanopia
336678

Trichromacy



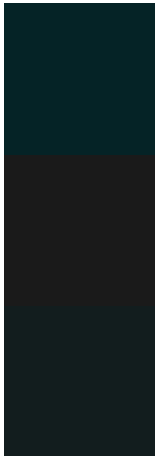
Original Color
336678

Protanomaly
1450021

Deuteranomaly
1450023

Tritanomaly
336678

Monochromacy



Original Color
336678

Achromatopsia
1710618

Achromatomaly
1187102

CSS Examples

Text

The CSS property to change the color of the text to Decimal 336678 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 #052326 looks like.

```
.text, #text, p{  
    color:#052326  
}
```

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 #052326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052326
}
```

Border

The CSS property to change the border of an element to Decimal 336678 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
#052326 }
```

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

```
.border{ border-color:#052326 }
```

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

Here you see how a box with a 4 pixel #052326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052326; -webkit-box-shadow:4px 4px  
4px 4px #052326; box-shadow:4px 4px 4px  
4px #052326 }
```

Background

The CSS property to change the background color of an element to Decimal 336678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052326 }
```

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

```
.background{ background-color:#052326 }
```

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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