

Converting Colors

Decimal(334358)

Have a look what the booklet for
Decimal(334358) contains.

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Color

Decimal(334358)

Conversions

Conversions Part 1

Format	Color
Hex	051A16
RGB	5, 26, 22
RGB Percent	2%, 10%, 9%
CMY	0.9804, 0.8980, 0.9137
CMYK	0.81, 0.00, 0.15, 0.90
HSL	169°, 68%, 6%
HSV	169°, 81%, 10%
XYZ	0.5768, 0.8290, 0.8887
YIQ	19.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

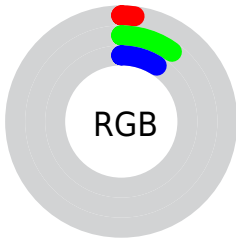
Format	Color
RYB	5, 17, 26
Decimal	334358
CIELab	7.49, -8.65, 0.20
CIELCh	7, 8.651, 178.678
Yxy	0.8290, 0.2514, 0.3613
Android (android.graphics.Color)	4278524438 (0xFF051A16)
YUV	19.2650, 1.3484, -12.5104
Hunter-Lab	9.1048, -4.6253, 0.5865

Details

The Decimal color **334358** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1705225**, and the grayscale version is **1250067**.

A 20% lighter version of the original color is **3294528**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **137750**, and if you desaturate by 10%, it is **530966**.

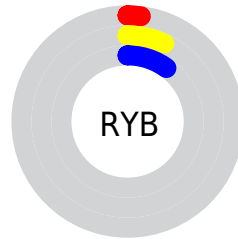
Distribution



Red (2%)

Green (10%)

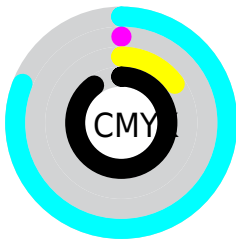
Blue (9%)



Red (2%)

Yellow (7%)

Blue (10%)

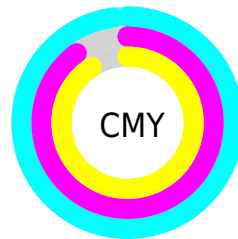


Cyan (81%)

Magenta (0%)

Yellow (15%)

Black (90%)



Cyan (98%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 334358 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 334358 by changing the saturation by 10% instead.

■ 334358

■ 334358

■ 15138295

■ 0

■ 3294528

■ 4742232

■ 6321520

■ 7966601

■ 9677220

■ 11453631

■ 13230299

■ 334358

■ 334358

■ 137750

■ 530966

■ 6677

■ 662039

■ 858647

■ 989720

■ 1186328

■ 1382937

■ 1514009

■ 1710618

■ 1841690

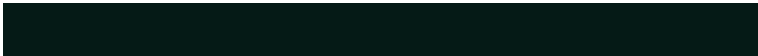
Harmonies

Analogous

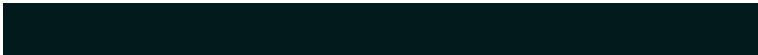
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



858383



334358



137756

Triad

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



334358



1512736



2102282

Complementary

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



334358



1705225

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.



2233104



334358



1970973

Square

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



334358



923426



2167319



1840646

Rectangle

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



334358



268575



2167319



2167564

Sweetspot

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



334358



1646880



596485



856593



9539985



1184274

Same Dimension

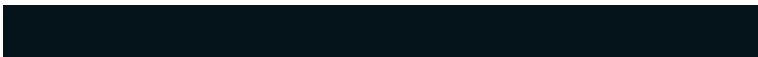
The Same Dimension uses a secret algorithm to generate beautiful new colors.



334358



74011



332826



724237



19774



52389

Inverse Universe

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



1705225



2162951



1706757



854796



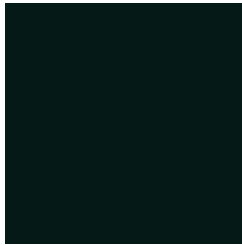
5046287



13369383

Previews

White Background



This preview shows how the Decimal color 334358 looks on a white background.

Color Contrast Check

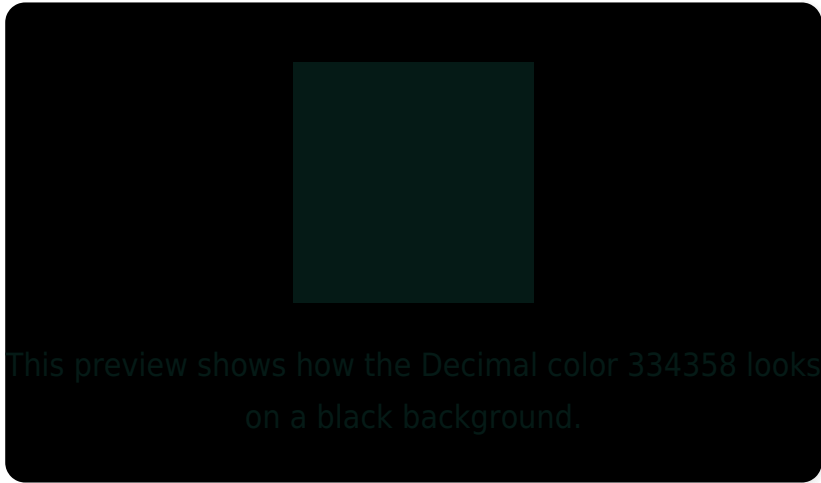
Large Text (above 18pt) WCAG AA ✓ Pass

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

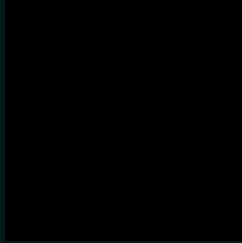
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

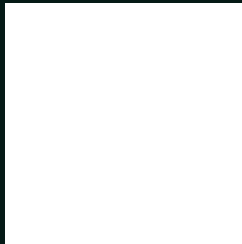
Any Text WCAG AAA × Fail

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

Decimal 334358 Background



This preview shows how black text looks on a background with the Decimal color 334358.



This preview shows how white text looks on a background with the Decimal color 334358.

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
334358

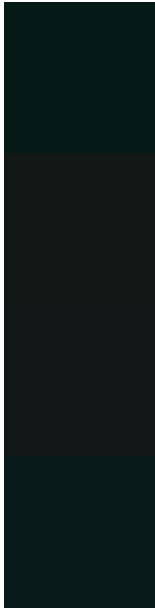
Protanopia
1578772

Deuteranopia
1644055



Tritanopia
596251

Trichromacy



Original Color
334358

Protanomaly
1120277

Deuteranomaly
1185559

Tritanomaly
530713

Monochromacy



Original Color
334358

Achromatopsia
1250067

Achromatomaly
923156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 334358 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 #051A16 looks like.

```
.text, #text, p{  
    color:#051A16  
}
```

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 #051A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051A16
}
```

Border

The CSS property to change the border of an element to Decimal 334358 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
#051A16 }
```

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

```
.border{ border-color:#051A16 }
```

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

Here you see how a box with a 4 pixel #051A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051A16; -webkit-box-shadow:4px 4px  
4px 4px #051A16; box-shadow:4px 4px 4px  
4px #051A16 }
```

Background

The CSS property to change the background color of an element to Decimal 334358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051A16 }
```

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

```
.background{ background-color:#051A16 }
```

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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