

Converting Colors

Decimal(664359)

Have a look what the booklet for
Decimal(664359) contains.

Decimal(664359)	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(664359)

Conversions

Conversions Part 1

Format	Color
Hex	0A2327
RGB	10, 35, 39
RGB Percent	4%, 14%, 15%
CMY	0.9608, 0.8627, 0.8471
CMYK	0.74, 0.10, 0.00, 0.85
HSL	188°, 59%, 10%
HSV	188°, 74%, 15%
XYZ	1.0924, 1.4131, 2.1346
YIQ	27.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

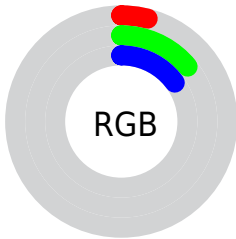
Format	Color
RYB	10, 23, 39
Decimal	664359
CIELab	12.04, -8.04, -5.58
CIELCh	12, 9.787, 214.730
Yxy	1.4131, 0.2354, 0.3045
Android (android.graphics.Color)	4278854439 (0xFF0A2327)
YUV	27.9810, 5.4324, -15.7693
Hunter-Lab	11.8873, -4.3990, -2.3257

Details

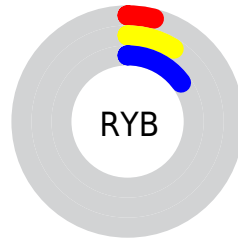
The Decimal color **664359** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2559498**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **3624788**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **401959**, and if you desaturate by 10%, it is **926759**.

Distribution



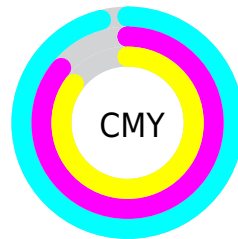
- Red (4%)
- Green (14%)
- Blue (15%)



- Red (4%)
- Yellow (9%)
- Blue (15%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (85%)



- Cyan (96%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 664359 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 664359 by changing the saturation by 10% instead.



664359



664359



15663103



3602



3624788



0



5204076



6783365



8428447



10204602



11981270



13757938



664359



664359

■ 401959

■ 926759

■ 139815

■ 1188903

■ 8743

■ 1451303

■ 1713447

■ 1975847

■ 2172455

■ 2434855

■ 2696999

■ 2959399

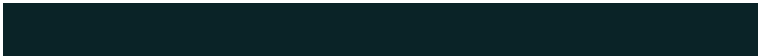
Harmonies

Analogous

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



860960



664359



991788

Triad

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



664359



2693925



2301970

Complementary

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



664359



2559498

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.



2694419



664359



2956063

Square

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



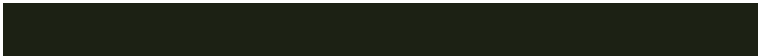
664359



2235691



2956056



1843476

Rectangle

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



664359



1384749



2956056



2498322

Sweetspot

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



664359



2634035



665358



1251610



10066329



1710618

Same Dimension

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



664359



404787



660775



1184788



18772



46804

Inverse Universe

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



2558499



3343917



2563082



1315348



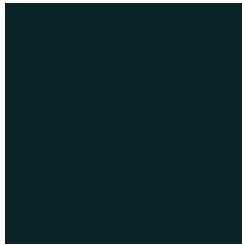
5505097



13893814

Previews

White Background



This preview shows how the Decimal color 664359 looks on a white background.

Color Contrast Check

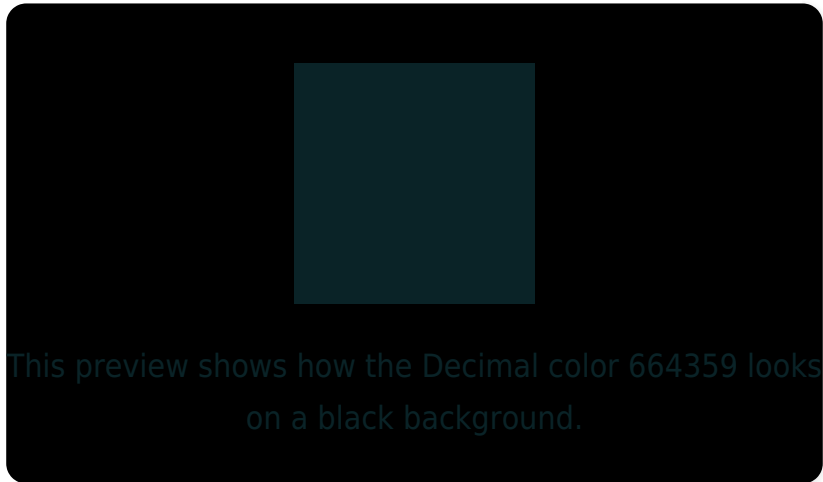
Large Text (above 18pt) WCAG AA ✓ Pass

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

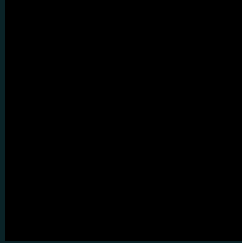
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

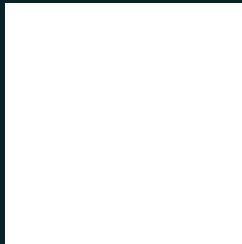
Any Text WCAG AAA × Fail

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

Decimal 664359 Background



This preview shows how black text looks on a background with the Decimal color 664359.

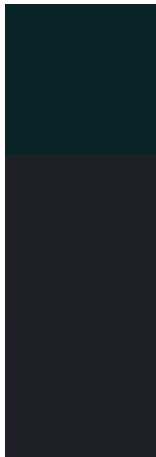


This preview shows how white text looks on a background with the Decimal color 664359.

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
664359

Protanopia
2039845

Deuteranopia
2039592

Trichromacy



Original Color
664359

Protanomaly
1515814

Deuteranomaly
1515560

Tritanomaly
598822

Monochromacy



Original Color
664359

Achromatopsia
1842204

Achromatomaly
1384224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 664359 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 #0A2327 looks like.

```
.text, #text, p{  
    color:#0A2327  
}
```

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 #0A2327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2327
}
```

Border

The CSS property to change the border of an element to Decimal 664359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

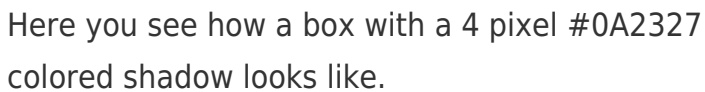
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A2327 }
```

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

```
.border{ border-color:#0A2327 }
```

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



Here you see how a box with a 4 pixel #0A2327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2327; -webkit-box-shadow:4px 4px  
4px 4px #0A2327; box-shadow:4px 4px 4px  
4px #0A2327 }
```

Background

The CSS property to change the background color of an element to Decimal 664359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2327 }
```

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

```
.background{ background-color:#0A2327 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor