

Converting Colors

Decimal(667441)

Have a look what the booklet for
Decimal(667441) contains.

Decimal(667441)	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(667441)

Conversions

Conversions Part 1

Format	Color
Hex	0A2F31
RGB	10, 47, 49
RGB Percent	4%, 18%, 19%
CMY	0.9608, 0.8157, 0.8078
CMYK	0.80, 0.04, 0.00, 0.81
HSL	183°, 66%, 12%
HSV	183°, 80%, 19%
XYZ	1.6961, 2.3193, 3.2640
YIQ	36.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

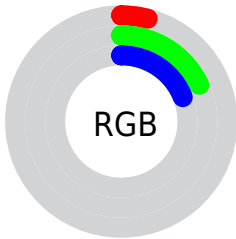
Format	Color
RYB	10, 29, 49
Decimal	667441
CIELab	17.08, -11.93, -5.09
CIELCh	17, 12.973, 203.115
Yxy	2.3193, 0.2330, 0.3186
Android (android.graphics.Color)	4278857521 (0xFF0A2F31)
YUV	36.1650, 6.3277, -22.9467
Hunter-Lab	15.2293, -6.7719, -2.0468

Details

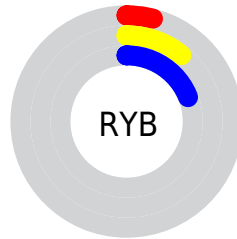
The Decimal color **667441** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3214346**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **3824991**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **339761**, and if you desaturate by 10%, it is **995121**.

Distribution



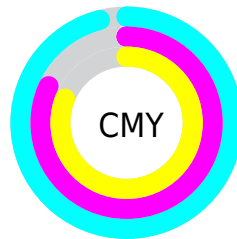
- Red (4%)
- Green (18%)
- Blue (19%)



- Red (4%)
- Yellow (11%)
- Blue (19%)



- Cyan (80%)
- Magenta (4%)
- Yellow (0%)
- Black (81%)



- Cyan (96%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 667441 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 667441 by changing the saturation by 10% instead.



667441



667441



16056319



6940



3824991



0



5469816



7114641



8759980



10536391



12313059



14155519



667441



667441

■ 339761

■ 995121

■ 11825

■ 1323057

■ 1650737

■ 1978417

■ 2306097

■ 2568497

■ 2896177

■ 3223857

■ 3551537

Harmonies

Analogous

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



1257256



667441



863801

Triad

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



667441



3417397



3287320

Complementary

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



667441



3214346

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.



3745308



667441



3875629

Square

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



667441



2631739



3941155



2698265

Rectangle

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



667441



1387580



3941155



3483672

Sweetspot

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



667441



3161920



667916



1581345



10592673



2171169

Same Dimension

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



667441



212288



662577



1513754



21849



52953

Inverse Universe

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



3213871



4195133



3219210



1709849



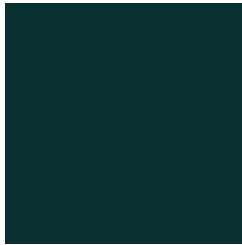
5832789



14221518

Previews

White Background



This preview shows how the Decimal color 667441 looks on a white background.

Color Contrast Check

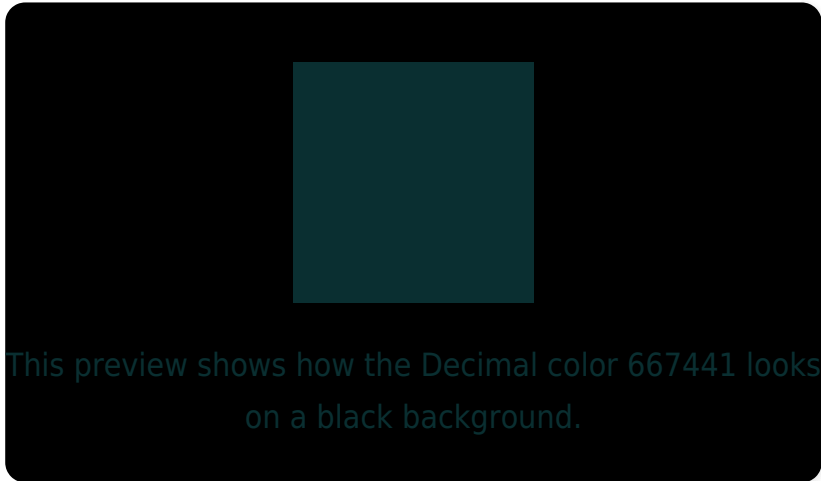
Large Text (above 18pt) WCAG AA ✓ Pass

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

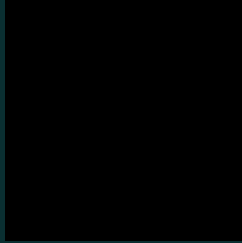
Any Text WCAG AA × Fail

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 667441 Background



This preview shows how black text looks on a background with the Decimal color 667441.



This preview shows how white text looks on a background with the Decimal color 667441.

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

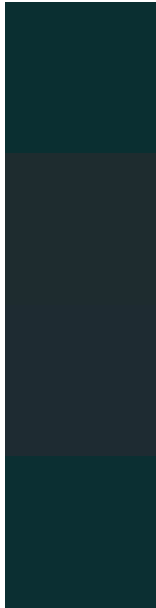


Original Color
667441

Protanopia
2763310

Deuteranopia
2763058

Trichromacy



Original Color
667441

Protanomaly
1977391

Deuteranomaly
1977138

Tritanomaly
732978

Monochromacy



Original Color
667441

Achromatopsia
2368548

Achromatomaly
1779753

CSS Examples

Text

The CSS property to change the color of the text to Decimal 667441 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 #0A2F31 looks like.

```
.text, #text, p{  
    color:#0A2F31  
}
```

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 #0A2F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2F31
}
```

Border

The CSS property to change the border of an element to Decimal 667441 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
#0A2F31 }
```

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

```
.border{ border-color:#0A2F31 }
```

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

Here you see how a box with a 4 pixel #0A2F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2F31; -webkit-box-shadow:4px 4px  
4px 4px #0A2F31; box-shadow:4px 4px 4px  
4px #0A2F31 }
```

Background

The CSS property to change the background color of an element to Decimal 667441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2F31 }
```

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

```
.background{ background-color:#0A2F31 }
```

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