

Converting Colors

Decimal(10327)

Have a look what the booklet for
Decimal(10327) contains.

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Color

Decimal(10327)

Conversions

Conversions Part 1

Format	Color
Hex	002857
RGB	0, 40, 87
RGB Percent	0%, 16%, 34%
CMY	1.0000, 0.8431, 0.6588
CMYK	1.00, 0.54, 0.00, 0.66
HSL	212°, 100%, 17%
HSV	212°, 100%, 34%
XYZ	2.4791, 2.2057, 9.3119
YIQ	33.3980, -38.9270, 6.1370

Conversions

Conversions Part 2

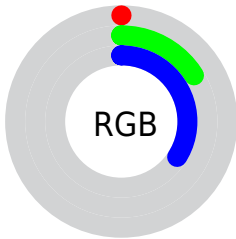
Format	Color
RYB	0, 27, 87
Decimal	10327
CIELab	16.53, 8.06, -32.03
CIELCh	17, 33.025, 284.124
Yxy	2.2057, 0.1771, 0.1576
Android (android.graphics.Color)	4278200407 (0xFF002857)
YUV	33.3980, 26.4258, -29.2900
Hunter-Lab	14.8516, 3.8056, -26.7785

Details

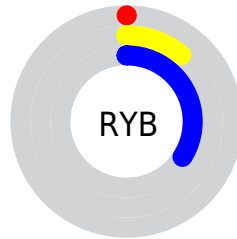
The Decimal color **10327** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5713664**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **4150409**, and **809** is the 20% darker color. If you saturate the color by 10%, you get **10327**, and if you desaturate by 10%, it is **601431**.

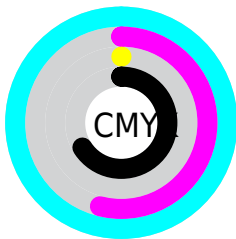
Distribution



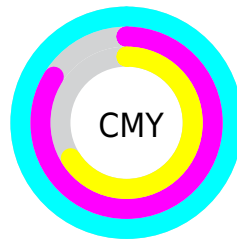
- Red (0%)
- Green (16%)
- Blue (34%)



- Red (0%)
- Yellow (11%)
- Blue (34%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10327 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 10327 by changing the saturation by 10% instead.

■ 10327 ■ 10327

16777215 ■ 5183

■ 4150409 ■ 809

■ 5860772 ■ 275

■ 7636671 ■ 0

■ 9412827

■ 11189240

■ 13031167

■ 14939135

■ 10327

■ 601431

■ 1126743

■ 1717847

■ 2308951

■ 2900055

■ 3425367

■ 4016471

■ 4607575

■ 5132887

Harmonies

Analogous

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



12118



10327



3611979

Triad

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



10327



4986885



13083

Complementary

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



10327



5713664

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.



864256



10327



4072192

Square

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



10327



5377567



2763520



13108

Rectangle

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



10327



4658238



2763520



12819

Sweetspot

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



10327



5201520



22318



2370872



12105912



3684408

Same Dimension

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



10327



13424



196695



2566443



12651



27883

Inverse Universe

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



5701672



7340084



5527296



2828073



7012401



15401068

Previews

White Background



This preview shows how the Decimal color 10327 looks on a white background.

Color Contrast Check

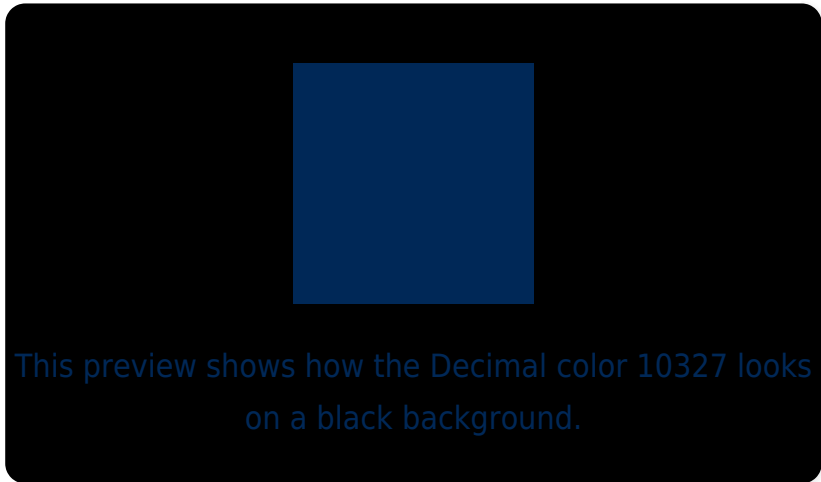
Large Text (above 18pt) WCAG AA ✓ Pass

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

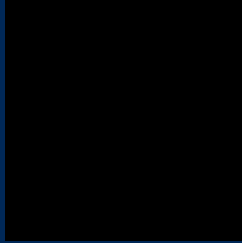
Any Text WCAG AA × Fail

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 10327 Background



This preview shows how black text looks on a background with the Decimal color 10327.



This preview shows how white text looks on a background with the Decimal color 10327.

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
10327

Deuteranopia
11082

Tritanopia
12081

Trichromacy



Original Color
10327

Deuteranomaly
10831

Tritanomaly
11327

Monochromacy



Original Color
10327

Achromatopsia
2171169

Achromatomaly
1385525

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10327 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 #002857 looks like.

```
.text, #text, p{  
  color:#002857  
}
```

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 #002857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002857
}
```

Border

The CSS property to change the border of an element to Decimal 10327 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
#002857 }
```

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

```
.border{ border-color:#002857 }
```

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

Here you see how a box with a 4 pixel #002857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002857; -webkit-box-shadow:4px 4px  
4px 4px #002857; box-shadow:4px 4px 4px  
4px #002857 }
```

Background

The CSS property to change the background color of an element to Decimal 10327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002857 }
```

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

```
.background{ background-color:#002857 }
```

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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