

Converting Colors

Decimal(20327)

Have a look what the booklet for
Decimal(20327) contains.

Decimal(20327)	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(20327)

Conversions

Conversions Part 1

Format	Color
Hex	004F67
RGB	0, 79, 103
RGB Percent	0%, 31%, 40%
CMY	1.0000, 0.6902, 0.5961
CMYK	1.00, 0.23, 0.00, 0.60
HSL	194°, 100%, 20%
HSV	194°, 100%, 40%
XYZ	5.2442, 6.5712, 13.8239
YIQ	58.1150, -54.7880, -9.2840

Conversions

Conversions Part 2

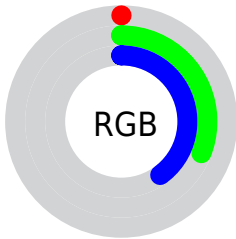
Format	Color
RYB	0, 45, 103
Decimal	20327
CIELab	30.81, -11.42, -19.81
CIELCh	31, 22.868, 240.042
Yxy	6.5712, 0.2045, 0.2563
Android (android.graphics.Color)	4278210407 (0xFF004F67)
YUV	58.1150, 22.1283, -50.9669
Hunter-Lab	25.6344, -8.3436, -14.0294

Details

The Decimal color **20327** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6756352**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **4620442**, and **9016** is the 20% darker color. If you saturate the color by 10%, you get **20327**, and if you desaturate by 10%, it is **676199**.

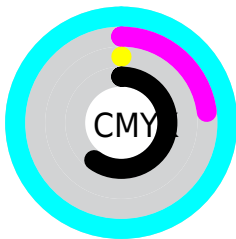
Distribution



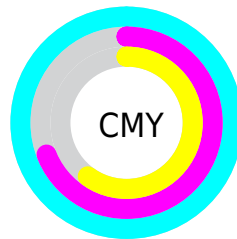
- Red (0%)
- Green (31%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20327 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 20327 by changing the saturation by 10% instead.

■ 20327 ■ 20327

16777215 ■ 14415

■ 4620442 ■ 9016

■ 6396597 ■ 2083

■ 8173009 ■ 10

■ 10015213 ■ 0

■ 11857407

■ 13697023

■ 15597567

■ 20327

■ 676199

■ 1397863

■ 2053735

■ 2709863

■ 3431271

■ 4087143

■ 4743271

■ 5399143

■ 6120807

Harmonies

Analogous

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



20826



20327



2968172

Triad

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



20327



6896201



4279593

Complementary

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



20327



6756352

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.



5523236



20327



6962232

Square

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



20327



6241883



6439210



2904118

Rectangle

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



20327



4277866



6439210



4737830

Sweetspot

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



20327



6258311



26390



2899781



12895428



4539717

Same Dimension

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



20327



26759



7527



3027507



22643



47858

Inverse Universe

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



6750287



8847464



6769152



3354162



7536728



15859898

Previews

White Background



This preview shows how the Decimal color 20327 looks on a white background.

Color Contrast Check

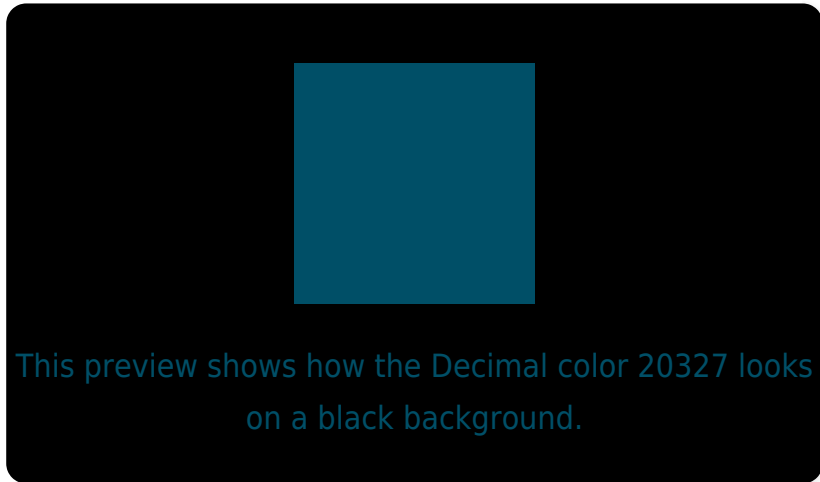
Large Text (above 18pt) WCAG AA ✓ Pass

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

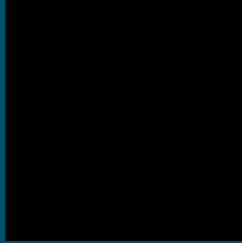
Any Text WCAG AA × Fail

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 20327 Background



This preview shows how black text looks on a background with the Decimal color 20327.

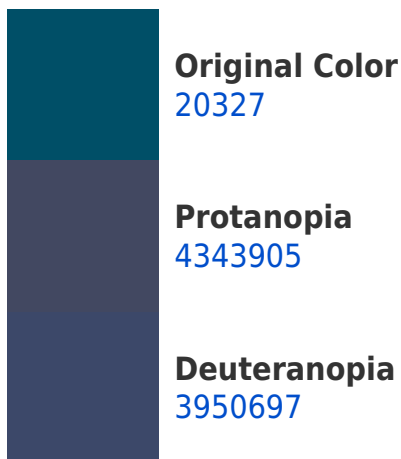


This preview shows how white text looks on a background with the Decimal color 20327.

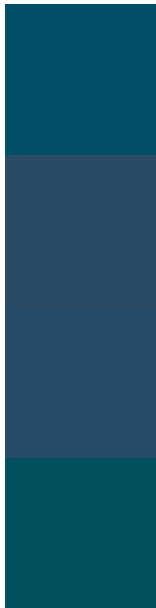
Color Blindness Simulation

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



Trichromacy



Original Color
20327

Protanomaly
2771811

Deuteranomaly
2509672

Tritanomaly
20573

Monochromacy



Original Color
20327

Achromatopsia
3815994

Achromatomaly
2441802

CSS Examples

Text

The CSS property to change the color of the text to Decimal 20327 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 #004F67 looks like.

```
.text, #text, p{  
  color:#004F67  
}
```

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 #004F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F67
}
```

Border

The CSS property to change the border of an element to Decimal 20327 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
#004F67 }
```

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

```
.border{ border-color:#004F67 }
```

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

Here you see how a box with a 4 pixel #004F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F67; -webkit-box-shadow:4px 4px  
4px 4px #004F67; box-shadow:4px 4px 4px  
4px #004F67 }
```

Background

The CSS property to change the background color of an element to Decimal 20327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F67 }
```

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

```
.background{ background-color:#004F67 }
```

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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