

Converting Colors

Decimal(20837)

Have a look what the booklet for
Decimal(20837) contains.

Decimal(20837)	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(20837)

Conversions

Conversions Part 1

Format	Color
Hex	005165
RGB	0, 81, 101
RGB Percent	0%, 32%, 40%
CMY	1.0000, 0.6824, 0.6039
CMYK	1.00, 0.20, 0.00, 0.60
HSL	192°, 100%, 20%
HSV	192°, 100%, 40%
XYZ	5.2914, 6.8244, 13.3503
YIQ	59.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

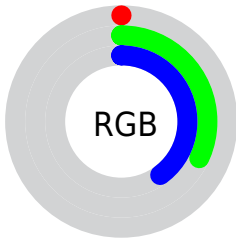
Format	Color
RYB	0, 45, 101
Decimal	20837
CIELab	31.40, -13.41, -17.63
CIELCh	31, 22.148, 232.741
Yxy	6.8244, 0.2078, 0.2680
Android (android.graphics.Color)	4278210917 (0xFF005165)
YUV	59.0610, 20.6759, -51.7965
Hunter-Lab	26.1236, -9.5608, -12.0131

Details

The Decimal color **20837** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6624256**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **4555416**, and **9270** is the 20% darker color. If you saturate the color by 10%, you get **20837**, and if you desaturate by 10%, it is **676709**.

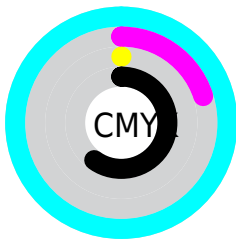
Distribution



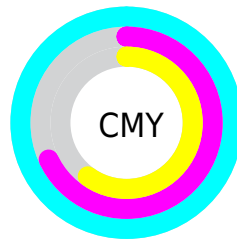
- Red (0%)
- Green (32%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20837 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 20837 by changing the saturation by 10% instead.

 20837  20837

16777215  14925

 4555416  9270

 6397363  3105

 8173518  7

 9950187  0

 11792383

 13697023

 15597567

 20837

■ 676709

■ 1332581

■ 1988453

■ 2644325

■ 3365733

■ 4021605

■ 4677477

■ 5333349

■ 5989221

Harmonies

Analogous

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



21335



20837



2641260

Triad

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



20837



6831439



4738345

Complementary

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



20837



6624256

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.



5850919



20837



7028029

Square

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



20837



6046047



6701359



3428660

Rectangle

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



20837



3950956



6701359



5131047

Sweetspot

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



20837



5995138



25875



2768450



12763842



4342338

Same Dimension

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



20837



26754



8293



3027507



23667



49906

Inverse Universe

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



6619217



8519784



6636800



3354162



7536732



15859906

Previews

White Background



This preview shows how the Decimal color 20837 looks on a white background.

Color Contrast Check

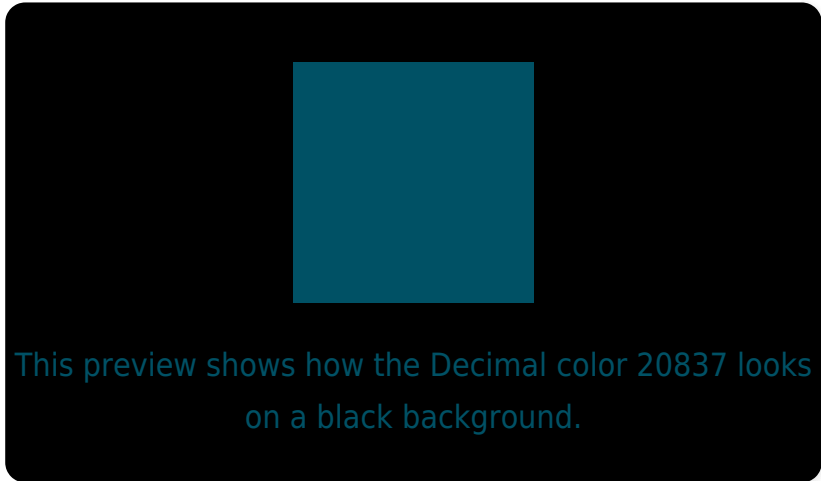
Large Text (above 18pt) WCAG AA ✓ Pass

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

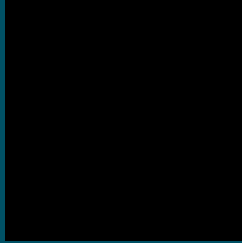
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

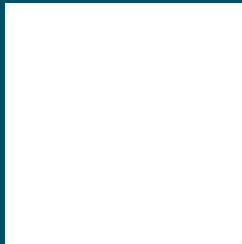
Any Text WCAG AAA × Fail

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

Decimal 20837 Background



This preview shows how black text looks on a background with the Decimal color 20837.

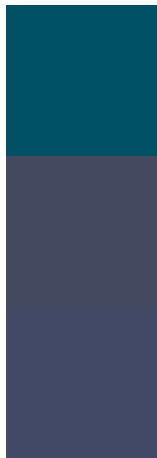


This preview shows how white text looks on a background with the Decimal color 20837.

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

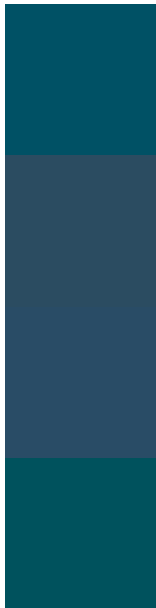


Original Color
20837

Protanopia
4475231

Deuteranopia
4278631

Trichromacy



Original Color
20837

Protanomaly
2837601

Deuteranomaly
2706534

Tritanomaly
21085

Monochromacy



Original Color
20837

Achromatopsia
3881787

Achromatomaly
2507594

CSS Examples

Text

The CSS property to change the color of the text to Decimal 20837 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 #005165 looks like.

```
.text, #text, p{  
    color:#005165  
}
```

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 #005165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005165
}
```

Border

The CSS property to change the border of an element to Decimal 20837 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
#005165 }
```

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

```
.border{ border-color:#005165 }
```

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

Here you see how a box with a 4 pixel #005165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005165; -webkit-box-shadow:4px 4px  
4px 4px #005165; box-shadow:4px 4px 4px  
4px #005165 }
```

Background

The CSS property to change the background color of an element to Decimal 20837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005165 }
```

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

```
.background{ background-color:#005165 }
```

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