

Converting Colors

Decimal(87915)

Have a look what the booklet for
Decimal(87915) contains.

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Color

Decimal(87915)

Conversions

Conversions Part 1

Format	Color
Hex	01576B
RGB	1, 87, 107
RGB Percent	0%, 34%, 42%
CMY	0.9961, 0.6588, 0.5804
CMYK	0.99, 0.19, 0.00, 0.58
HSL	191°, 98%, 21%
HSV	191°, 99%, 42%
XYZ	6.0746, 7.8844, 15.1116
YIQ	63.5660, -57.6760, -12.0120

Conversions

Conversions Part 2

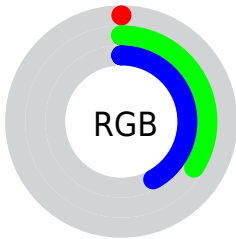
Format	Color
RYB	1, 48, 107
Decimal	87915
CIELab	33.74, -14.49, -17.79
CIELCh	34, 22.946, 230.829
Yxy	7.8844, 0.2090, 0.2712
Android (android.graphics.Color)	4278277995 (0xFF01576B)
YUV	63.5660, 21.4130, -54.8704
Hunter-Lab	28.0791, -10.5223, -12.2532

Details

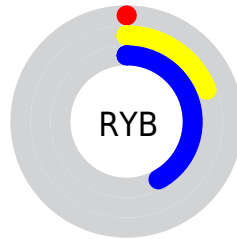
The Decimal color **87915** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7017729**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **4753822**, and **10556** is the 20% darker color. If you saturate the color by 10%, you get **22379**, and if you desaturate by 10%, it is **809323**.

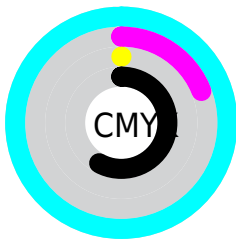
Distribution



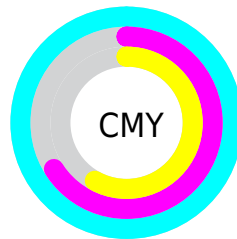
- Red (0%)
- Green (34%)
- Blue (42%)



- Red (0%)
- Yellow (19%)
- Blue (42%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 87915 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 87915 by changing the saturation by 10% instead.



87915



87915

16777215



16467



4753822



10556



6529977



5670



8371925



272



10214129



0



12056575



13893631



15859711



87915



87915

■ 22379

■ 809323

■ 1465195

■ 2186603

■ 2908011

■ 3563883

■ 4285291

■ 5006699

■ 5728107

■ 6383979

Harmonies

Analogous

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



22876



87915



2773875

Triad

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



87915



7291478



5132845

Complementary

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



87915



7017729

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.



6310955



87915



7553603

Square

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



87915



6375014



7161396



3757624

Rectangle

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



87915



4149107



7161396



5591083

Sweetspot

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



87915



6456460



92948



3031879



13092807



4671303

Same Dimension

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



87915



29324



74603



3159350



24437



51189

Inverse Universe

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



7012695



9175154



7031041



3551285



7667807



16056519

Previews

White Background



This preview shows how the Decimal color 87915 looks on a white background.

Color Contrast Check

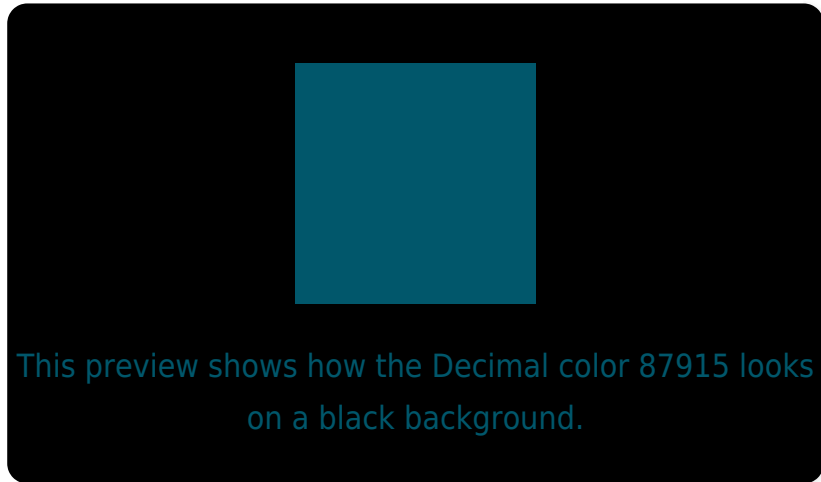
Large Text (above 18pt) WCAG AA ✓ Pass

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

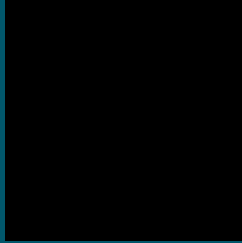
Any Text WCAG AA × Fail

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 87915 Background



This preview shows how black text looks on a background with the Decimal color 87915.

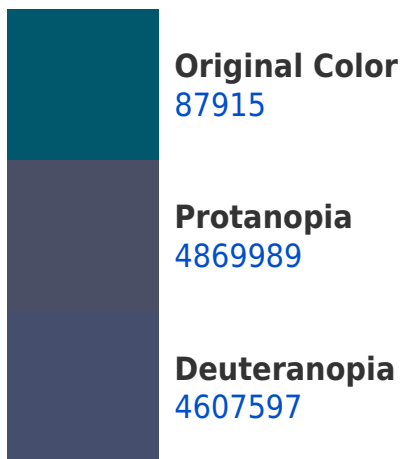


This preview shows how white text looks on a background with the Decimal color 87915.

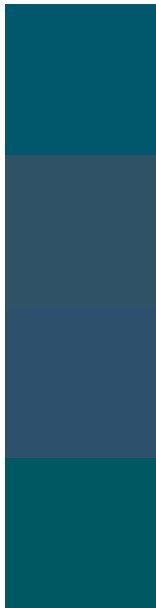
Color Blindness Simulation

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
87915

Protanomaly
3101287

Deuteranomaly
2969964

Tritanomaly
22627

Monochromacy



Original Color
87915

Achromatopsia
4210752

Achromatomaly
2705488

CSS Examples

Text

The CSS property to change the color of the text to Decimal 87915 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 #01576B looks like.

```
.text, #text, p{  
    color:#01576B  
}
```

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 #01576B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01576B
}
```

Border

The CSS property to change the border of an element to Decimal 87915 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
#01576B }
```

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

```
.border{ border-color:#01576B }
```

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

Here you see how a box with a 4 pixel #01576B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01576B; -webkit-box-shadow:4px 4px  
4px 4px #01576B; box-shadow:4px 4px 4px  
4px #01576B }
```

Background

The CSS property to change the background color of an element to Decimal 87915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01576B }
```

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

```
.background{ background-color:#01576B }
```

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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