

Converting Colors

Decimal(87172)

Have a look what the booklet for
Decimal(87172) contains.

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Color

Decimal(87172)

Conversions

Conversions Part 1

Format	Color
Hex	015484
RGB	1, 84, 132
RGB Percent	0%, 33%, 52%
CMY	0.9961, 0.6706, 0.4824
CMYK	0.99, 0.36, 0.00, 0.48
HSL	202°, 98%, 26%
HSV	202°, 99%, 52%
XYZ	7.3477, 8.0130, 22.9892
YIQ	64.6550, -64.8760, -2.6680

Conversions

Conversions Part 2

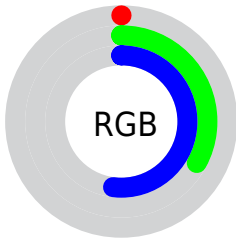
Format	Color
R_{YB}	1, 52, 132
Decimal	87172
CIE _{Lab}	34.01, -2.56, -32.87
CIE _{LCh}	34, 32.968, 265.541
Yxy	8.0130, 0.1916, 0.2089
Android (android.graphics.Color)	4278277252 (0xFF015484)
YUV	64.6550, 33.2011, -55.8254
Hunter-Lab	28.3073, -3.2048, -28.3360

Details

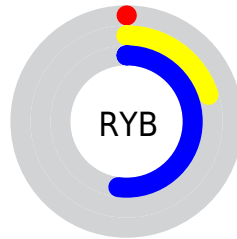
The Decimal color **87172** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8663297**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **5146041**, and **10322** is the 20% darker color. If you saturate the color by 10%, you get **21636**, and if you desaturate by 10%, it is **940420**.

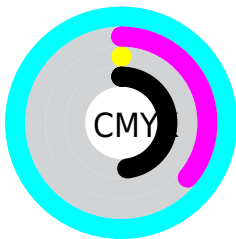
Distribution



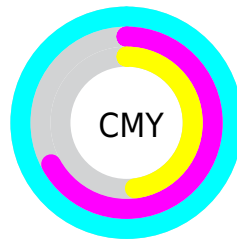
- Red (0%)
- Green (33%)
- Blue (52%)



- Red (0%)
- Yellow (20%)
- Blue (52%)



- Cyan (99%)
- Magenta (36%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 87172 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 87172 by changing the saturation by 10% instead.

87172 87172

16777215 15723

5146041 10322

7053269 4923

8895218 549

10737407 269

12645119 0

14548991

16515071

87172 87172

■ 21636

■ 940420

■ 1793668

■ 2712452

■ 3565444

■ 4418692

■ 5271940

■ 6125188

■ 7043972

■ 7897220

Harmonies

Analogous

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



23163



87172



4934527

Triad

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



87172



8403771



2578993

Complementary

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



87172



8663297

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.



4805918



87172



7684901

Square

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



87172



8272213



6442265



23883

Rectangle

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



87172



6505589



6442265



3430698

Sweetspot

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



87172



7903403



99375



3623767



14079702



5723991

Same Dimension

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



87172



27819



71044



3948610



21122



515

Inverse Universe

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



8651092



11206764



8679425



4340800



8519762



196610

Previews

White Background



This preview shows how the Decimal color 87172 looks on a white background.

Color Contrast Check

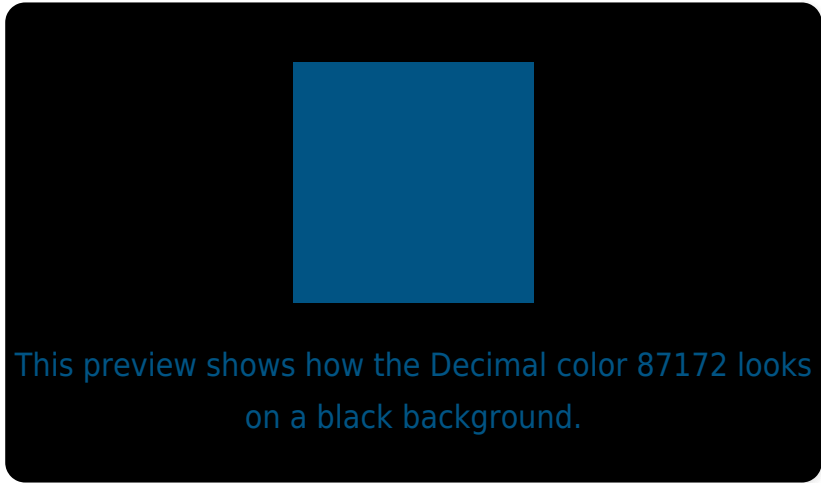
Large Text (above 18pt) WCAG AA ✓ Pass

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 87172 Background



This preview shows how black text looks on a background with the Decimal color 87172.



This preview shows how white text looks on a background with the Decimal color 87172.

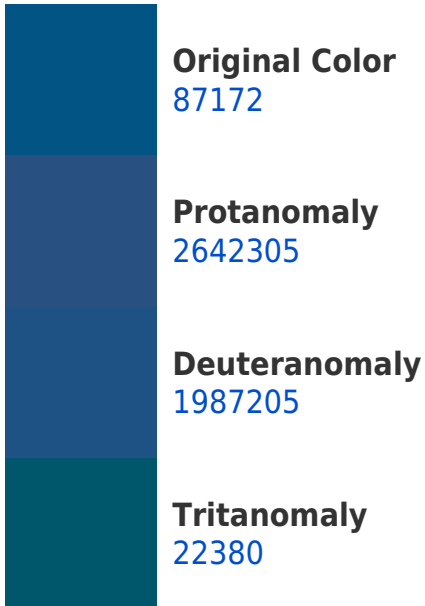
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 87172 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 #015484 looks like.

```
.text, #text, p{  
    color:#015484  
}
```

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 #015484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015484
}
```

Border

The CSS property to change the border of an element to Decimal 87172 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
#015484 }
```

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

```
.border{ border-color:#015484 }
```

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

Here you see how a box with a 4 pixel #015484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015484; -webkit-box-shadow:4px 4px  
4px 4px #015484; box-shadow:4px 4px 4px  
4px #015484 }
```

Background

The CSS property to change the background color of an element to Decimal 87172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015484 }
```

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

```
.background{ background-color:#015484 }
```

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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