

Converting Colors

Decimal(27287)

Have a look what the booklet for
Decimal(27287) contains.

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Color

Decimal(27287)

Conversions

Conversions Part 1	
Format	Color
Hex	006A97
RGB	0, 106, 151
RGB Percent	0%, 42%, 59%
CMY	1.0000, 0.5843, 0.4078
CMYK	1.00, 0.30, 0.00, 0.41
HSL	198°, 100%, 30%
HSV	198°, 100%, 59%
XYZ	10.7399, 12.5424, 31.1330
YIQ	79.4360, -77.6210, -8.4770

Conversions

Conversions Part 2

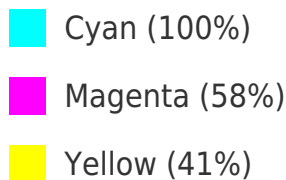
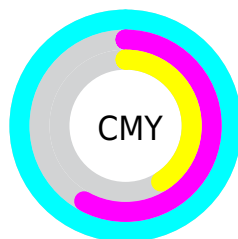
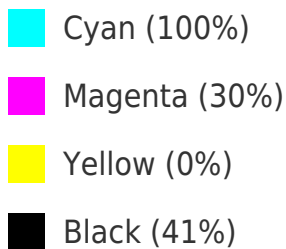
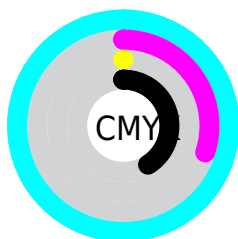
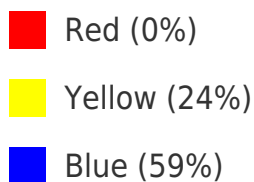
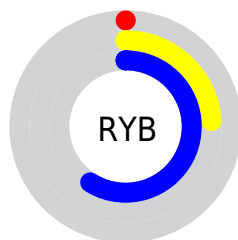
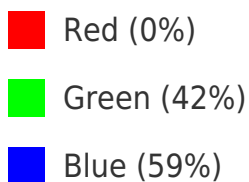
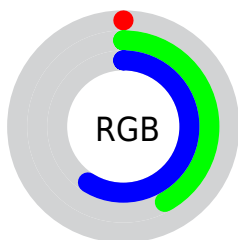
Format	Color
RYB	0, 62, 151
Decimal	27287
CIELab	42.07, -8.56, -31.65
CIELCh	42, 32.783, 254.872
Yxy	12.5424, 0.1974, 0.2305
Android (android.graphics.Color)	4278217367 (0xFF006A97)
YUV	79.4360, 35.2811, -69.6654
Hunter-Lab	35.4153, -7.8453, -27.3302

Details

The Decimal color **27287** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9907456**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5545421**, and **15204** is the 20% darker color. If you saturate the color by 10%, you get **27287**, and if you desaturate by 10%, it is **1011351**.

Distribution




Brightness & Saturation Gradients

These gradients show how the Decimal color 27287 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 27287 by changing the saturation by 10% instead.

 27287  27287

16777215  21117

 5545421  15204

 7518442  9804

 9426175  4405

 11333887  543

 13238271  2


 15138815  0

 27287

 1011351

 1995671

 2979735

 3964055

 5013655

 5997975

 6982295

 7966359

 8950679

Harmonies

Analogous

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



28553



27287



520327

Triad

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



27287



9915735



4746556

Complementary

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



27287



9907456

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.



6710829



27287



9458494

Square

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



27287



9326450



8346927



1994836

Rectangle

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



27287



7035536



8346927



5466933

Sweetspot

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



27287



9024452



38699



4217187



14935011



6513507

Same Dimension

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



27287



35524



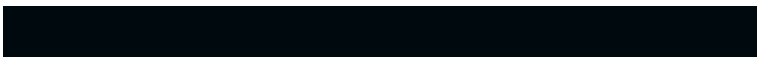
8599



4541005



25228



2317

Inverse Universe

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



9896042



12845194



9926144



5064010



9175138



851977

Previews

White Background



This preview shows how the Decimal color 27287 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 × Fail

Black Background



This preview shows how the Decimal color 27287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27287 Background



This preview shows how black text looks on a background with the Decimal color 27287.

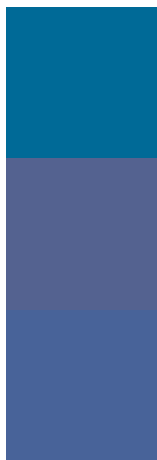


This preview shows how white text looks on a background with the Decimal color 27287.

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

27287

Protanopia

5530256

Deuteranopia

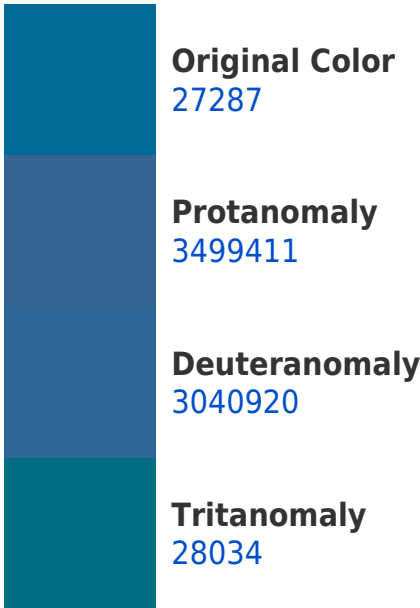
4744089



Tritanopia

28278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27287 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 #006A97 looks like.

```
.text, #text, p{  
    color:#006A97  
}
```

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 #006A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A97
}
```

Border

The CSS property to change the border of an element to Decimal 27287 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
#006A97 }
```

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

```
.border{ border-color:#006A97 }
```

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

Here you see how a box with a 4 pixel #006A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A97; -webkit-box-shadow:4px 4px  
4px 4px #006A97; box-shadow:4px 4px 4px  
4px #006A97 }
```

Background

The CSS property to change the background color of an element to Decimal 27287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A97 }
```

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

```
.background{ background-color:#006A97 }
```

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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