

Converting Colors

Decimal(18038)

Have a look what the booklet for
Decimal(18038) contains.

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Color

Decimal(18038)

Conversions

Conversions Part 1

Format	Color
Hex	004676
RGB	0, 70, 118
RGB Percent	0%, 27%, 46%
CMY	1.0000, 0.7255, 0.5373
CMYK	1.00, 0.41, 0.00, 0.54
HSL	204°, 100%, 23%
HSV	204°, 100%, 46%
XYZ	5.4602, 5.6883, 17.9497
YIQ	54.5420, -57.1280, 0.0880

Conversions

Conversions Part 2

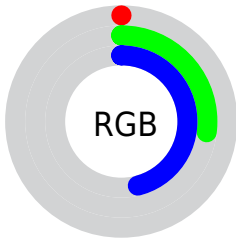
Format	Color
RYB	0, 44, 118
Decimal	18038
CIELab	28.61, 0.63, -32.75
CIELCh	29, 32.752, 271.108
Yxy	5.6883, 0.1876, 0.1955
Android (android.graphics.Color)	4278208118 (0xFF004676)
YUV	54.5420, 31.2848, -47.8333
Hunter-Lab	23.8502, -0.8728, -27.9266

Details

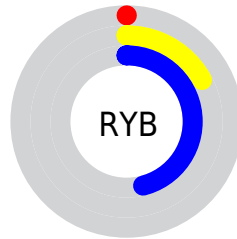
The Decimal color **18038** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7745536**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **4814507**, and **7237** is the 20% darker color. If you saturate the color by 10%, you get **18038**, and if you desaturate by 10%, it is **805750**.

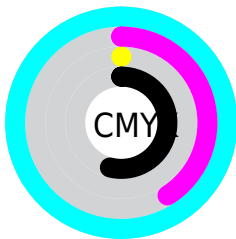
Distribution



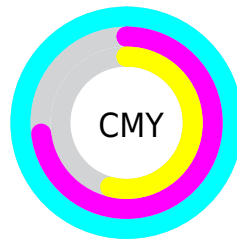
- Red (0%)
- Green (27%)
- Blue (46%)



- Red (0%)
- Yellow (17%)
- Blue (46%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)

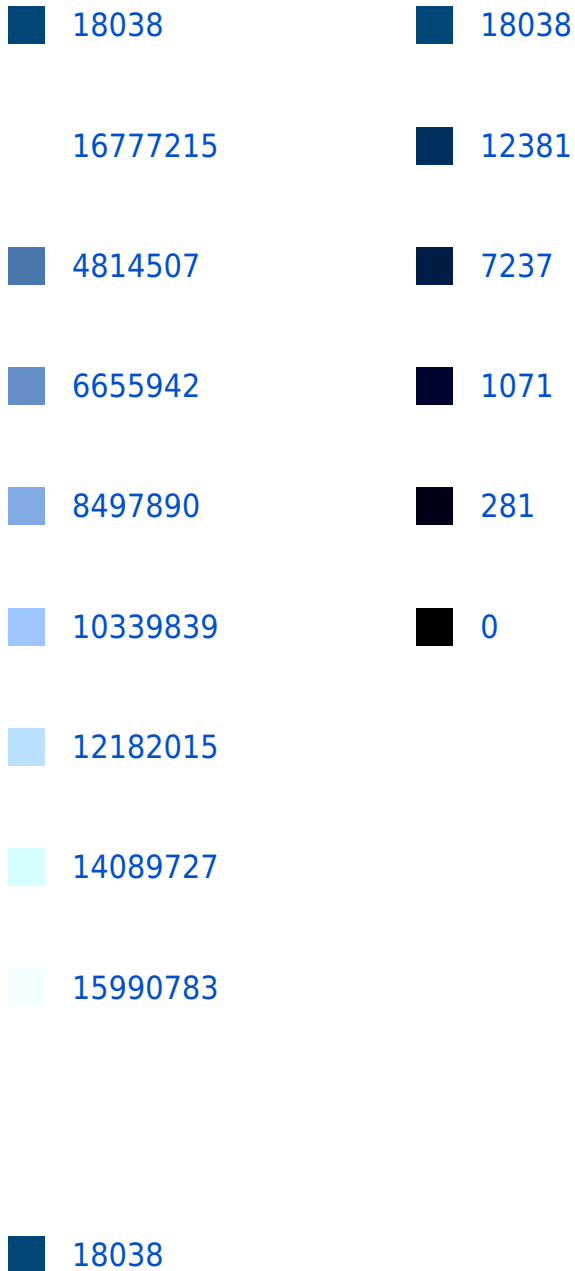


- Cyan (100%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18038 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 18038 by changing the saturation by 10% instead.



■ 805750

■ 1593462

■ 2315382

■ 3103094

■ 3890806

■ 4678518

■ 5466230

■ 6188150

■ 6975862

Harmonies

Analogous

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



19567



18038



4537455

Triad

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



18038



7352363



1068586

Complementary

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



18038



7745536

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.



3557909



18038



6568215

Square

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



18038



7351364



5260044



20548

Rectangle

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



18038



5977443



5260044



2116898

Sweetspot

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



18038



7046809



30255



3227981



13421772



5066061

Same Dimension

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



18038



23449



3190



3487803



18810



38138

Inverse Universe

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



7733318



10027099



7760384



3880248



7995465



16384148

Previews

White Background



This preview shows how the Decimal color 18038 looks on a white background.

Color Contrast Check

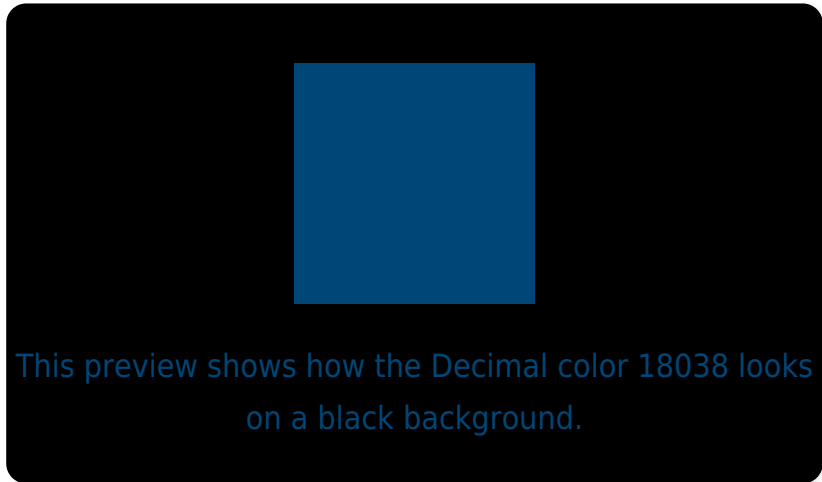
Large Text (above 18pt) WCAG AA ✓ Pass

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

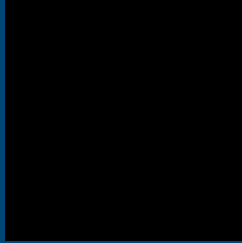
Any Text WCAG AA × Fail

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 18038 Background



This preview shows how black text looks on a background with the Decimal color 18038.



This preview shows how white text looks on a background with the Decimal color 18038.

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
18038

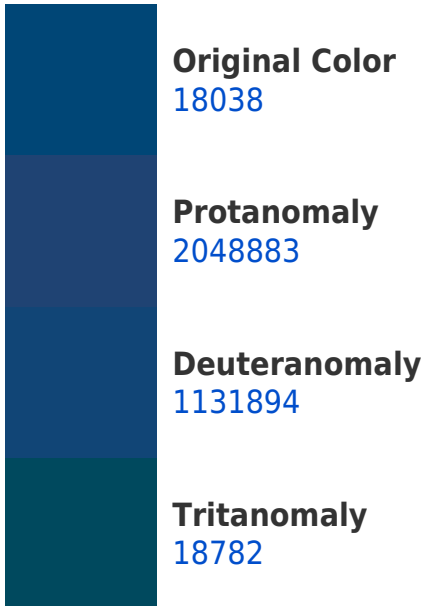
Protanopia
3162738

Deuteranopia
1721718

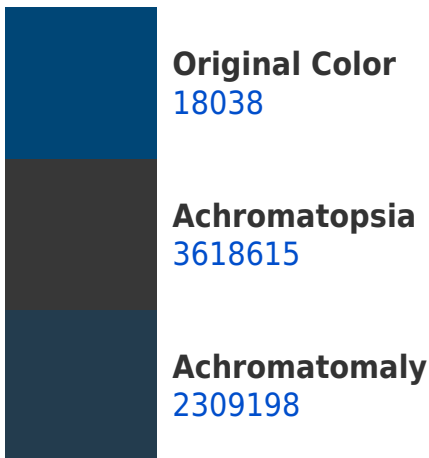


Tritanopia
19281

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 18038 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 #004676 looks like.

```
.text, #text, p{  
    color:#004676  
}
```

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 #004676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004676
}
```

Border

The CSS property to change the border of an element to Decimal 18038 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
#004676 }
```

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

```
.border{ border-color:#004676 }
```

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

Here you see how a box with a 4 pixel #004676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004676; -webkit-box-shadow:4px 4px  
4px 4px #004676; box-shadow:4px 4px 4px  
4px #004676 }
```

Background

The CSS property to change the background color of an element to Decimal 18038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004676 }
```

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

```
.background{ background-color:#004676 }
```

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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