

# Converting Colors

Decimal(18075)

Have a look what the booklet for  
Decimal(18075) contains.

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# Color

**Decimal(18075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00469B
RGB	0, 70, 155
RGB Percent	0%, 27%, 61%
CMY	1.0000, 0.7255, 0.3922
CMYK	1.00, 0.55, 0.00, 0.39
HSL	213°, 100%, 30%
HSV	213°, 100%, 61%
XYZ	8.1066, 6.7469, 31.8854
YIQ	58.7600, -69.0050, 11.5950

# Conversions

## Conversions Part 2

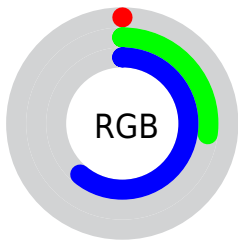
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 155
Decimal	18075
CIELab	31.22, 16.54, -51.39
CIELCh	31, 53.989, 287.841
Yxy	6.7469, 0.1734, 0.1444
Android (android.graphics.Color)	4278208155 (0xFF00469B)
YUV	58.7600, 47.4463, -51.5325
Hunter-Lab	25.9747, 10.2529, -54.5992

# Details

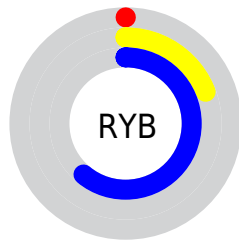
The Decimal color **18075** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10179840**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **5600978**, and **7271** is the 20% darker color. If you saturate the color by 10%, you get **18075**, and if you desaturate by 10%, it is **1003163**.

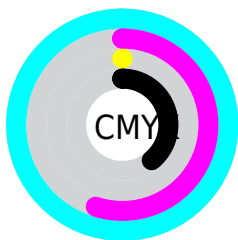
# Distribution



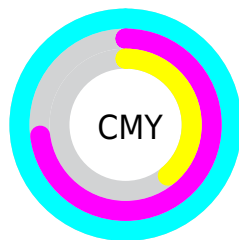
- Red (0%)
- Green (27%)
- Blue (61%)



- Red (0%)
- Yellow (19%)
- Blue (61%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (73%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 18075 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 18075 by changing the saturation by 10% instead.



 18075	 18075
 16777215	 12416
 5600978	 7271
 7573487	 334
 9480703	 1334
 11388159	 544
 13361407	 4
 15269375	 0

 18075

 1003163

■ 2054043

■ 3104667

■ 4090011

■ 5140635

■ 6125979

■ 7111067

■ 8161947

■ 9147035

# Harmonies

## Analogous

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



21661



18075



6893699

# Triad

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



18075



8662024



23094

# Complementary

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



18075



10179840

# 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.



22276



18075



6897920

# Square

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



18075



9572915



4411136



23650

# Rectangle

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



18075



8592746



4411136



23079



# Sweetspot

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



18075



9283785



39763



4280934



15132390



6710886



# Same Dimension

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



18075



23497



327835



4540493



16268



1549



# Inverse Universe

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



10158150



13172827



9870080



5064008



9175103



851974



# Previews

## White Background



This preview shows how the Decimal color 18075 looks on a white background.

## Color Contrast Check

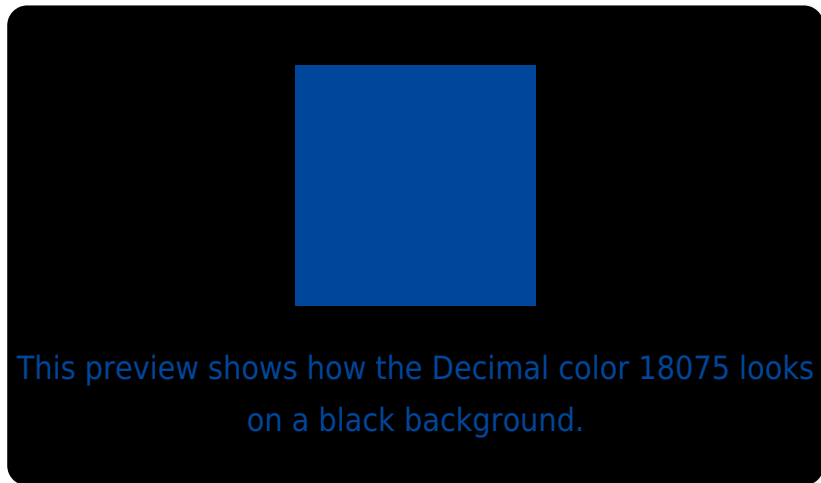
Large Text (above 18pt) WCAG AA ✓ Pass

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

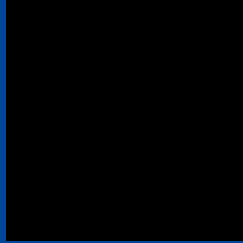
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 18075 Background



This preview shows how black text looks on a background with the Decimal color 18075.



This preview shows how white text looks on a background with the Decimal color 18075.

# 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**

18075

**Protanopia**

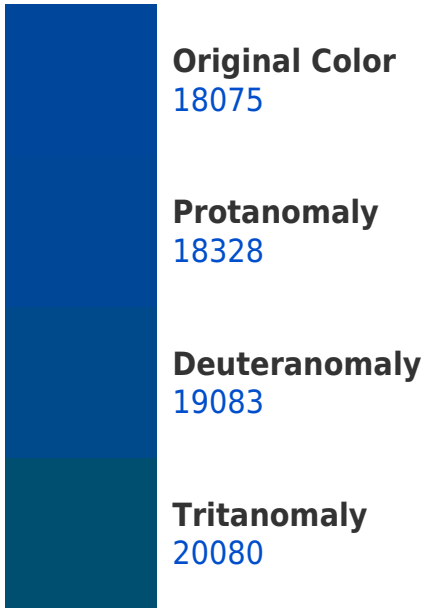
18327

**Deuteranopia**

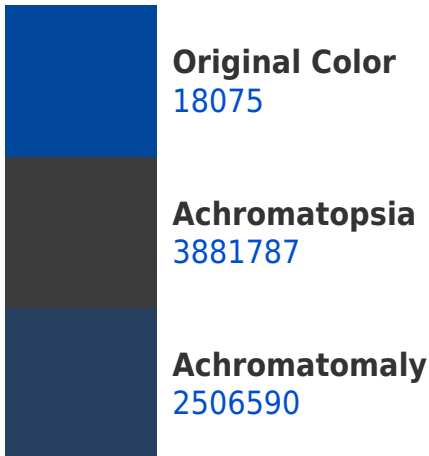
19586



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 18075 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 #00469B looks like.

```
.text, #text, p{  
    color:#00469B  
}
```

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 #00469B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00469B
}
```

## Border

The CSS property to change the border of an element to Decimal 18075 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
#00469B }
```

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

```
.border{ border-color:#00469B }
```

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

Here you see how a box with a 4 pixel #00469B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00469B; -webkit-box-shadow:4px 4px  
4px 4px #00469B; box-shadow:4px 4px 4px  
4px #00469B }
```

# Background

The CSS property to change the background color of an element to Decimal 18075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00469B }
```

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

```
.background{ background-color:#00469B }
```

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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