

# Converting Colors

Decimal(22689)

Have a look what the booklet for  
Decimal(22689) contains.

<b>Decimal(22689)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(22689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0058A1
RGB	0, 88, 161
RGB Percent	0%, 35%, 63%
CMY	1.0000, 0.6549, 0.3686
CMYK	1.00, 0.45, 0.00, 0.37
HSL	207°, 100%, 32%
HSV	207°, 100%, 63%
XYZ	9.9227, 9.5527, 35.0391
YIQ	70.0100, -75.8810, 4.0470

# Conversions

## Conversions Part 2

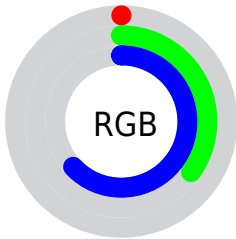
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 161
Decimal	22689
CIELab	37.03, 6.87, -45.63
CIELCh	37, 46.142, 278.559
Yxy	9.5527, 0.1820, 0.1752
Android (android.graphics.Color)	4278212769 (0xFF0058A1)
YUV	70.0100, 44.8581, -61.3988
Hunter-Lab	30.9074, 3.2191, -45.5807

# Details

The Decimal color **22689** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10569984**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5671384**, and **11373** is the 20% darker color. If you saturate the color by 10%, you get **22689**, and if you desaturate by 10%, it is **1073057**.

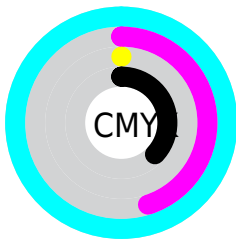
# Distribution



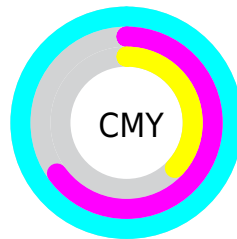
- Red (0%)
- Green (35%)
- Blue (63%)



- Red (0%)
- Yellow (22%)
- Blue (63%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (37%)



















- Cyan (100%)
- Magenta (65%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 22689 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 22689 by changing the saturation by 10% instead.



 22689	 22689
 16777215	 16774
 5671384	 11373
 7644149	 6228
 9617151	 1596
 11524863	 549
 13432575	 270
 15400959	 0

 22689

 1073057

■ 2123681

■ 3174049

■ 4224417

■ 5340577

■ 6390945

■ 7441313

■ 8491681

■ 9542305

# Harmonies

## Analogous

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



25244



22689



6703250

# Triad

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



22689



9648939



26426

# Complementary

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



22689



10569984

# 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.



3629590



22689



8276746

# Square

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



22689



10039630



6248704



26721

# Rectangle

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



22689



8535422



6248704



25902



# Sweetspot

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



22689



9614801



41288



4413289



15263976



6908265



# Same Dimension

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



22689



29393



2209



4804178



20369



2578



# Inverse Universe

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



10551384



13697138



10590464



5392718



9502799



1179658



# Previews

## White Background



This preview shows how the Decimal color 22689 looks on a white background.

## Color Contrast Check

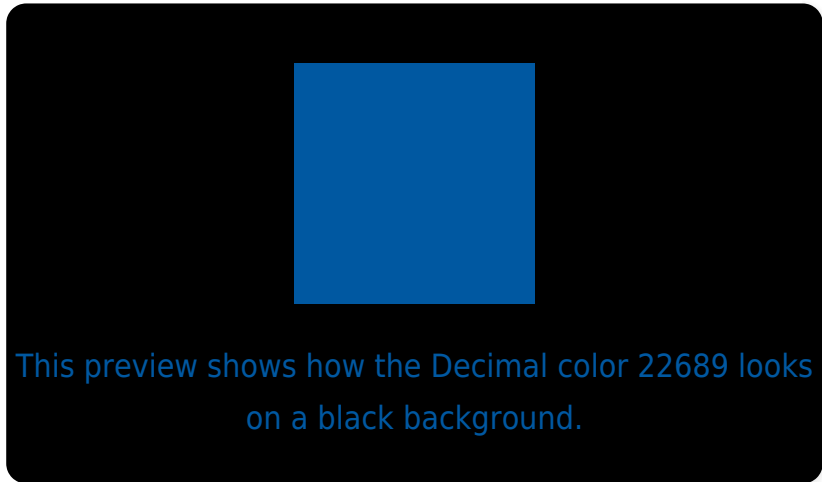
Large Text (above 18pt) WCAG AA ✓ Pass

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

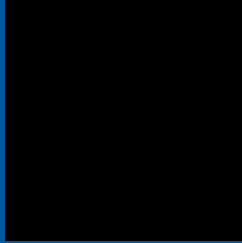
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 22689 Background



This preview shows how black text looks on a background with the Decimal color 22689.



This preview shows how white text looks on a background with the Decimal color 22689.

# Color Blindness Simulation

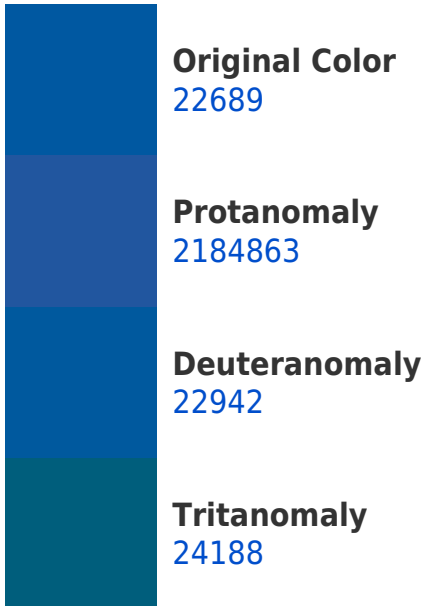
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 22689 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 #0058A1 looks like.

```
.text, #text, p{  
    color:#0058A1  
}
```

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 #0058A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0058A1
}
```

## Border

The CSS property to change the border of an element to Decimal 22689 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
#0058A1 }
```

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

```
.border{ border-color:#0058A1 }
```

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

Here you see how a box with a 4 pixel #0058A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0058A1; -webkit-box-shadow:4px 4px  
4px 4px #0058A1; box-shadow:4px 4px 4px  
4px #0058A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 22689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0058A1 }
```

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

```
.background{ background-color:#0058A1 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor