

Converting Colors

Decimal(16789)

Have a look what the booklet for
Decimal(16789) contains.

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Color

Decimal(16789)

Conversions

Conversions Part 1

Format	Color
Hex	004195
RGB	0, 65, 149
RGB Percent	0%, 25%, 58%
CMY	1.0000, 0.7451, 0.4157
CMYK	1.00, 0.56, 0.00, 0.42
HSL	214°, 100%, 29%
HSV	214°, 100%, 58%
XYZ	7.3151, 5.9505, 29.1968
YIQ	55.1410, -65.7040, 12.3440

Conversions

Conversions Part 2

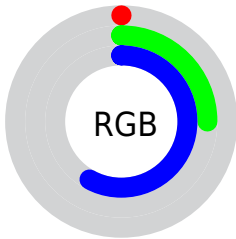
Format	Color
RYB	0, 45, 149
Decimal	16789
CIELab	29.29, 17.48, -50.89
CIELCh	29, 53.806, 288.956
Yxy	5.9505, 0.1723, 0.1401
Android (android.graphics.Color)	4278206869 (0xFF004195)
YUV	55.1410, 46.2725, -48.3587
Hunter-Lab	24.3937, 10.8391, -53.8886

Details

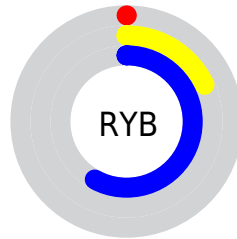
The Decimal color **16789** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9786368**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5468364**, and **6241** is the 20% darker color. If you saturate the color by 10%, you get **16789**, and if you desaturate by 10%, it is **1001877**.

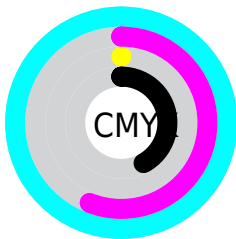
Distribution



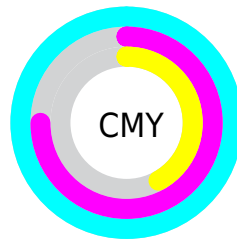
- Red (0%)
- Green (25%)
- Blue (58%)



- Red (0%)
- Yellow (18%)
- Blue (58%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16789 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 16789 by changing the saturation by 10% instead.

■ 16789 ■ 16789

16777215 ■ 11387

■ 5468364 ■ 6241

■ 7440872 ■ 73

■ 9348095 ■ 1073

■ 11255551 ■ 283

■ 13163263 ■ 0

■ 15136767

■ 16789

■ 1001877

■ 1987221

■ 2972309

■ 3957653

■ 4942741

■ 5862293

■ 6847637

■ 7832725

■ 8818069

Harmonies

Analogous

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



20376



16789



6695548

Triad

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



16789



8267777



22068

Complementary

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



16789



9786368

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.



20994



16789



6438400

Square

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



16789



9177645



4016896



22367

Rectangle

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



16789



8263268



4016896



21797

Sweetspot

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



16789



8954306



38226



4083041



14737632



6381921

Same Dimension

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



16789



21954



458901



4408906



15498



1034

Inverse Universe

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



9764929



12714069



9344256



4866886



9044028



655364

Previews

White Background



This preview shows how the Decimal color 16789 looks on a white background.

Color Contrast Check

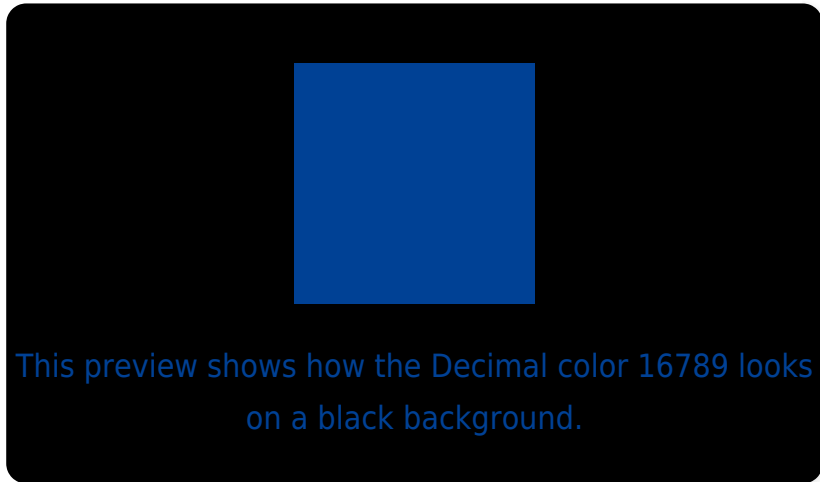
Large Text (above 18pt) WCAG AA ✓ Pass

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

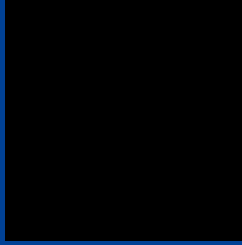
Any Text WCAG AA × Fail

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 16789 Background



This preview shows how black text looks on a background with the Decimal color 16789.



This preview shows how white text looks on a background with the Decimal color 16789.

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
16789

Protanopia
17294

Deuteranopia
18298



Tritanopia
19794

Trichromacy



Original Color
16789

Protanomaly
17041

Deuteranomaly
17796

Tritanomaly
18794

Monochromacy



Original Color
16789

Achromatopsia
3618615

Achromatomaly
2308953

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16789 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 #004195 looks like.

```
.text, #text, p{  
    color:#004195  
}
```

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 #004195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004195
}
```

Border

The CSS property to change the border of an element to Decimal 16789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

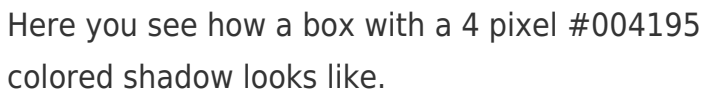
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004195 }
```

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

```
.border{ border-color:#004195 }
```

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



Here you see how a box with a 4 pixel #004195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004195; -webkit-box-shadow:4px 4px  
4px 4px #004195; box-shadow:4px 4px 4px  
4px #004195 }
```

Background

The CSS property to change the background color of an element to Decimal 16789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004195 }
```

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

```
.background{ background-color:#004195 }
```

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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