

Converting Colors

Decimal(189)

Have a look what the booklet for
Decimal(189) contains.

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Color

Decimal(189)

Conversions

Conversions Part 1

Format	Color
Hex	0000BD
RGB	0, 0, 189
RGB Percent	0%, 0%, 74%
CMY	1.0000, 1.0000, 0.2588
CMYK	1.00, 1.00, 0.00, 0.26
HSL	240°, 100%, 37%
HSV	240°, 100%, 74%
XYZ	9.1853, 3.6741, 48.3692
YIQ	21.5460, -60.6690, 58.7790

Conversions

Conversions Part 2

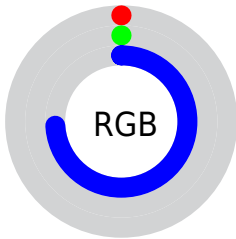
Format	Color
RYB	0, 0, 189
Decimal	189
CIELab	22.56, 63.23, -86.12
CIELCh	23, 106.835, 306.287
Yxy	3.6741, 0.1500, 0.0600
Android (android.graphics.Color)	4278190269 (0xFF0000BD)
YUV	21.5460, 82.5548, -18.8958
Hunter-Lab	19.1680, 51.9932, -136.1967

Details

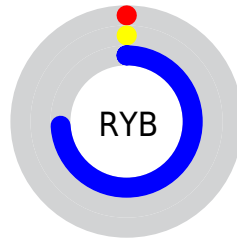
The Decimal color **189** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **12434688**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **6700535**, and **134** is the 20% darker color. If you saturate the color by 10%, you get **189**, and if you desaturate by 10%, it is **1250237**.

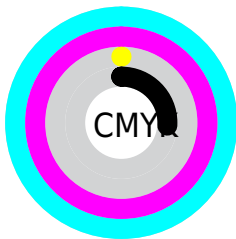
Distribution



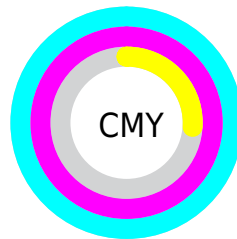
- Red (0%)
- Green (0%)
- Blue (74%)



- Red (0%)
- Yellow (0%)
- Blue (74%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 189 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 189 by changing the saturation by 10% instead.

■ 189 ■ 189

■ 16776703 ■ 161

■ 6700535 ■ 134

■ 8869887 ■ 107

■ 10908159 ■ 2898

■ 13012223 ■ 1338

■ 15050751 ■ 547

■ 16761855 ■ 11

■ 16769279 ■ 0

■ 189

■ 1250237

■ 2500285

■ 3750333

■ 5000381

■ 6250429

■ 7434685

■ 8684733

■ 9934781

■ 11184829

Harmonies

Analogous

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



17375



189



9896056

Triad

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



189



7472384



19526

Complementary

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



189



12434688

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.



18944



189



3422720

Square

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



189



10289152



17920



20374

Rectangle

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



189



11337796



17920



19242

Sweetspot

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



189



11250677



48573



5131898



16448250



8026746

Same Dimension

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



189



245



6226109



5592414



158



31

Inverse Universe

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



12386493



16056565



6274304



6182238



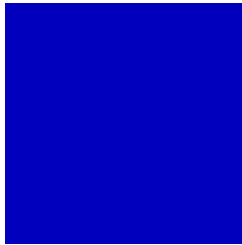
10354846



2031647

Previews

White Background



This preview shows how the Decimal color 189 looks on a white background.

Color Contrast Check

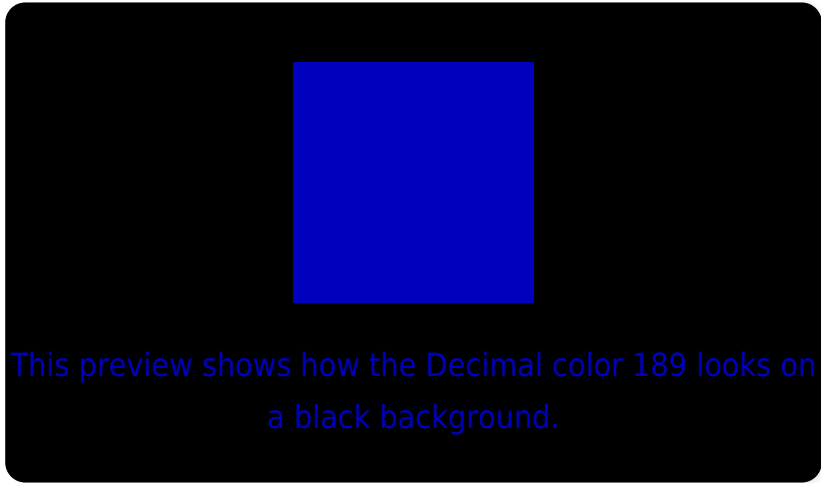
Large Text (above 18pt) WCAG AA ✓ Pass

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

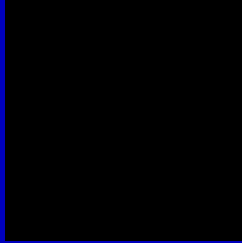
Any Text WCAG AA × Fail

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 189 Background



This preview shows how black text looks on a background with the Decimal color 189.

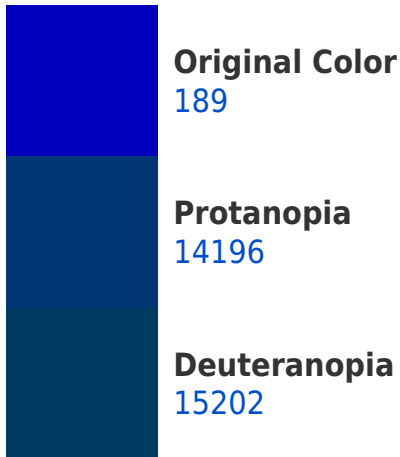


This preview shows how white text looks on a background with the Decimal color 189.

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



Original Color
189

Protanomaly
9103

Deuteranomaly
9859

Monochromacy



Original Color
189

Achromatopsia
1447446

Achromatomaly
921171

CSS Examples

Text

The CSS property to change the color of the text to Decimal 189 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 #0000BD looks like.

```
.text, #text, p{  
    color:#0000BD  
}
```

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 #0000BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000BD
}
```

Border

The CSS property to change the border of an element to Decimal 189 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
#0000BD }
```

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

```
.border{ border-color:#0000BD }
```

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

Here you see how a box with a 4 pixel #0000BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000BD; -webkit-box-shadow:4px 4px  
4px 4px #0000BD; box-shadow:4px 4px 4px  
4px #0000BD }
```

Background

The CSS property to change the background color of an element to Decimal 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000BD }
```

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

```
.background{ background-color:#0000BD }
```

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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