

Converting Colors

Decimal(225216)

Have a look what the booklet for
Decimal(225216) contains.

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Color

Decimal(225216)

Conversions

Conversions Part 1

Format	Color
Hex	036FC0
RGB	3, 111, 192
RGB Percent	1%, 44%, 75%
CMY	0.9882, 0.5647, 0.2471
CMYK	0.98, 0.42, 0.00, 0.25
HSL	206°, 97%, 38%
HSV	206°, 98%, 75%
XYZ	15.2364, 15.1940, 51.9989
YIQ	87.9420, -90.3690, 2.2950

Conversions

Conversions Part 2

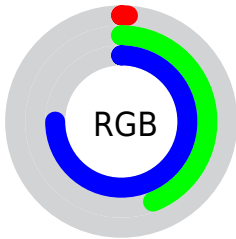
Format	Color
RYB	3, 72, 192
Decimal	225216
CIELab	45.90, 4.81, -49.61
CIELCh	46, 49.840, 275.536
Yxy	15.1940, 0.1848, 0.1843
Android (android.graphics.Color)	4278415296 (0xFF036FC0)
YUV	87.9420, 51.3006, -74.4941
Hunter-Lab	38.9795, 1.5585, -51.8075

Details

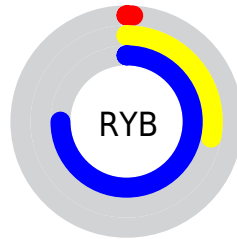
The Decimal color **225216** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **12604419**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **6333177**, and **16522** is the 20% darker color. If you saturate the color by 10%, you get **28352**, and if you desaturate by 10%, it is **1472448**.

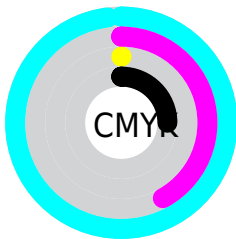
Distribution



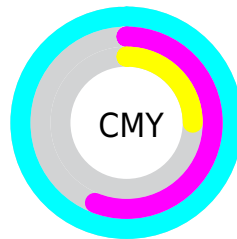
- Red (1%)
- Green (44%)
- Blue (75%)



- Red (1%)
- Yellow (28%)
- Blue (75%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)





















- Cyan (99%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 225216 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 225216 by changing the saturation by 10% instead.

 225216	 225216
 16777215	 22437
 6333177	 16522
 8371711	 11120
 10344959	 6231
 12383743	 1599
 14352383	 808
 16318463	 274
	 0

 225216  225216

■ 28352

■ 1472448

■ 2719680

■ 4032704

■ 5279936

■ 6527168

■ 7774400

■ 9021888

■ 10334656

■ 11581888

Harmonies

Analogous

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



31416



225216



7888561

Triad

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



225216



11750718



32328

Complementary

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



225216



1260419

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.



5208098



225216



10313245

Square

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



225216



12010599



8088843



32883

Rectangle

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



225216



10048156



8088843



2325563

Sweetspot

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



225216



11524858



245842



5270141



16579836



8224125

Same Dimension

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



225216



36858



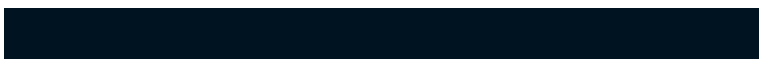
201664



5725537



23713



4897

Inverse Universe

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



12583791



16384143



12627971



6379357



10551388



2162707

Previews

White Background



This preview shows how the Decimal color 225216 looks on a white background.

Color Contrast Check

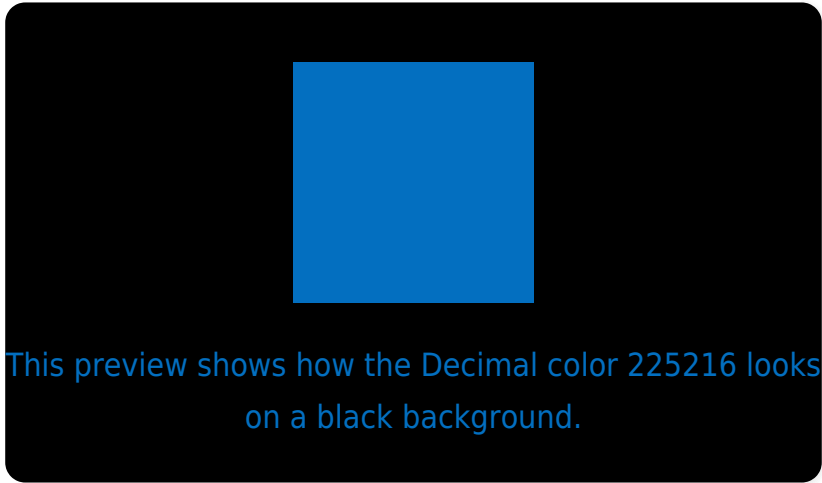
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

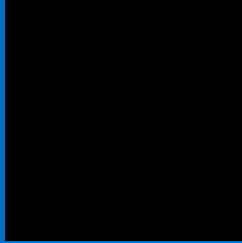
Any Text WCAG AA × Fail

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 225216 Background



This preview shows how black text looks on a background with the Decimal color 225216.

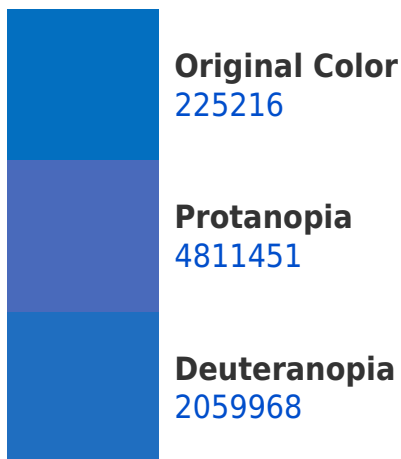


This preview shows how white text looks on a background with the Decimal color 225216.

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](#).

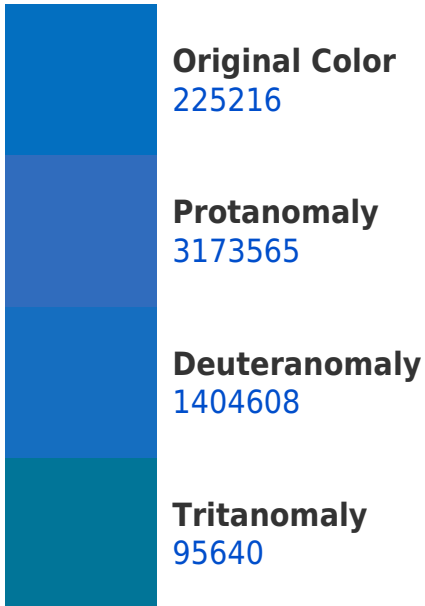
Dichromacy





Tritanopia
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 225216 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 #036FC0 looks like.

```
.text, #text, p{  
    color:#036FC0  
}
```

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 #036FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036FC0
}
```

Border

The CSS property to change the border of an element to Decimal 225216 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
#036FC0 }
```

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

```
.border{ border-color:#036FC0 }
```

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

Here you see how a box with a 4 pixel #036FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036FC0; -webkit-box-shadow:4px 4px  
4px 4px #036FC0; box-shadow:4px 4px 4px  
4px #036FC0 }
```

Background

The CSS property to change the background color of an element to Decimal 225216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036FC0 }
```

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

```
.background{ background-color:#036FC0 }
```

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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