

Converting Colors

Decimal(226006)

Have a look what the booklet for
Decimal(226006) contains.

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Color

Decimal(226006)

Conversions

Conversions Part 1

Format	Color
Hex	0372D6
RGB	3, 114, 214
RGB Percent	1%, 45%, 84%
CMY	0.9882, 0.5529, 0.1608
CMYK	0.99, 0.47, 0.00, 0.16
HSL	208°, 97%, 43%
HSV	208°, 99%, 84%
XYZ	18.1925, 16.9090, 65.9233
YIQ	92.2110, -98.2560, 7.5680

Conversions

Conversions Part 2

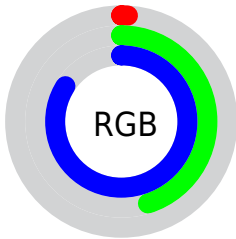
Format	Color
R _Y B	3, 76, 214
Decimal	226006
CIE Lab	48.15, 11.66, -58.60
CIE LCh	48, 59.750, 281.257
Yxy	16.9090, 0.1801, 0.1674
Android (android.graphics.Color)	4278416086 (0xFF0372D6)
YUV	92.2110, 60.0420, -78.2380
Hunter-Lab	41.1206, 7.0105, -66.2675

Details

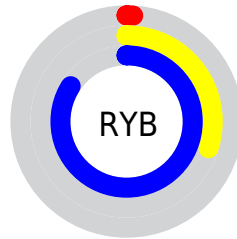
The Decimal color **226006** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **14051075**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **6727167**, and **17310** is the 20% darker color. If you saturate the color by 10%, you get **29142**, and if you desaturate by 10%, it is **1604822**.

Distribution



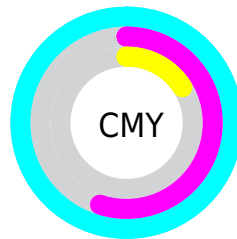
- Red (1%)
- Green (45%)
- Blue (84%)



- Red (1%)
- Yellow (30%)
- Blue (84%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)




















- Cyan (99%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 226006 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 226006 by changing the saturation by 10% instead.

 226006	 226006
 16777215	 23226
 6727167	 17310
 8831231	 11908
 10870015	 7018
 12908799	 2129
 14942207	 1337
	 547
	 9
	 0

■ 226006

■ 226006

■ 29142

■ 1604822

■ 3049174

■ 4427990

■ 5872598

■ 7251414

■ 8630230

■ 10074582

■ 11453398

■ 12897750

Harmonies

Analogous

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



33234



226006



9198783

Triad

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



226006



12668210



34640

Complementary

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



226006



14051075

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.



4161820



226006



10707968

Square

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



226006



13384801



7894528



35205

Rectangle

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



226006



11553700



7894528



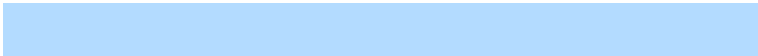
34367

Sweetspot

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



226006



11787263



251493



5401216



0



8421504

Same Dimension

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



226006



34559



199382



6317675



23211



5931

Inverse Universe

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



14025586



16711814



14077699



7037030



11206746



2818071

Previews

White Background



This preview shows how the Decimal color 226006 looks on a white background.

Color Contrast Check

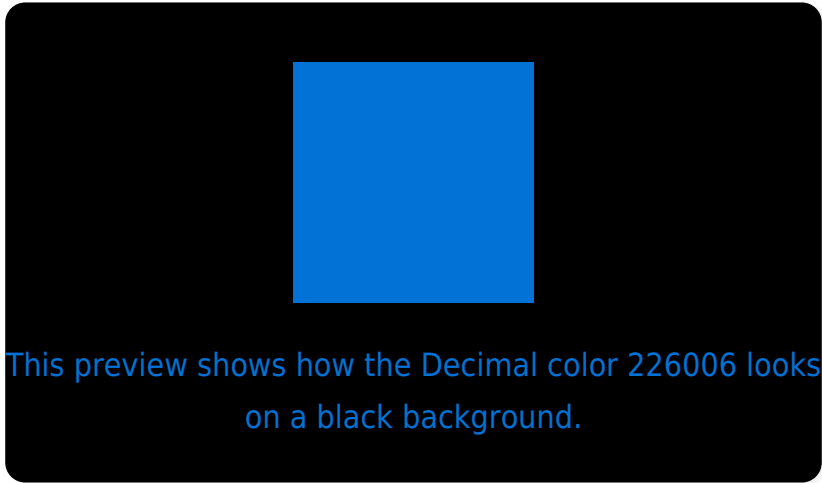
Large Text (above 18pt) WCAG AA ✓ Pass

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

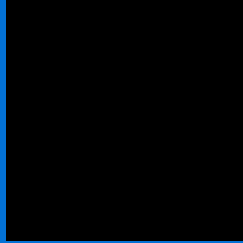
Any Text WCAG AA × Fail

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 226006 Background



This preview shows how black text looks on a background with the Decimal color 226006.



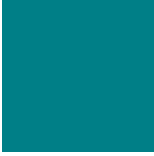
This preview shows how white text looks on a background with the Decimal color 226006.

Color Blindness Simulation

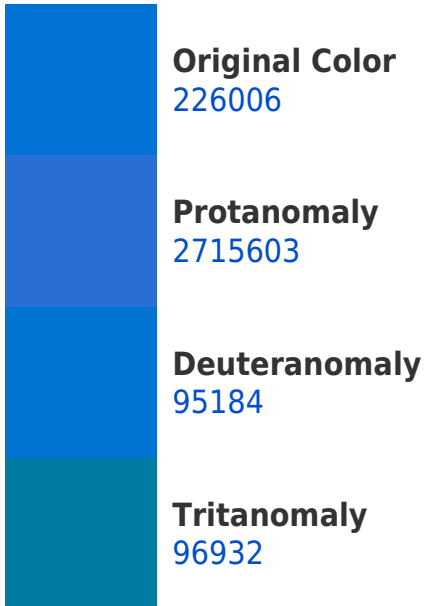
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 226006 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 #0372D6 looks like.

```
.text, #text, p{  
    color:#0372D6  
}
```

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 #0372D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0372D6
}
```

Border

The CSS property to change the border of an element to Decimal 226006 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
#0372D6 }
```

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

```
.border{ border-color:#0372D6 }
```

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

Here you see how a box with a 4 pixel #0372D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0372D6; -webkit-box-shadow:4px 4px  
4px 4px #0372D6; box-shadow:4px 4px 4px  
4px #0372D6 }
```

Background

The CSS property to change the background color of an element to Decimal 226006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0372D6 }
```

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

```
.background{ background-color:#0372D6 }
```

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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