

# Converting Colors

Decimal(26312)

Have a look what the booklet for  
Decimal(26312) contains.

<b>Decimal(26312)</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(26312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0066C8
RGB	0, 102, 200
RGB Percent	0%, 40%, 78%
CMY	1.0000, 0.6000, 0.2157
CMYK	1.00, 0.49, 0.00, 0.22
HSL	209°, 100%, 39%
HSV	209°, 100%, 78%
XYZ	15.1767, 13.6729, 56.4828
YIQ	82.6740, -92.2500, 8.8540

# Conversions

## Conversions Part 2

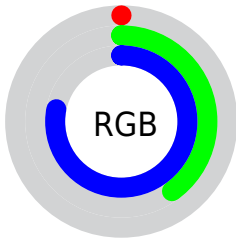
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 200
Decimal	26312
CIELab	43.76, 13.67, -57.67
CIELCh	44, 59.264, 283.338
Yxy	13.6729, 0.1779, 0.1602
Android (android.graphics.Color)	4278216392 (0xFF0066C8)
YUV	82.6740, 57.8417, -72.5051
Hunter-Lab	36.9768, 8.5537, -64.6828

# Details

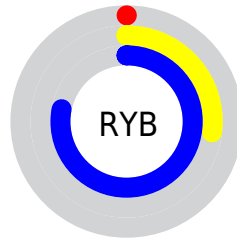
The Decimal color **26312** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **13132288**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **6461695**, and **14481** is the 20% darker color. If you saturate the color by 10%, you get **26312**, and if you desaturate by 10%, it is **1339592**.

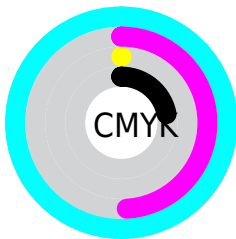
# Distribution



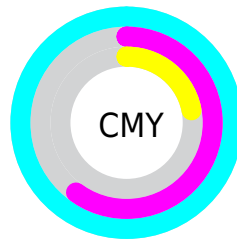
- Red (0%)
- Green (40%)
- Blue (78%)



- Red (0%)
- Yellow (27%)
- Blue (78%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



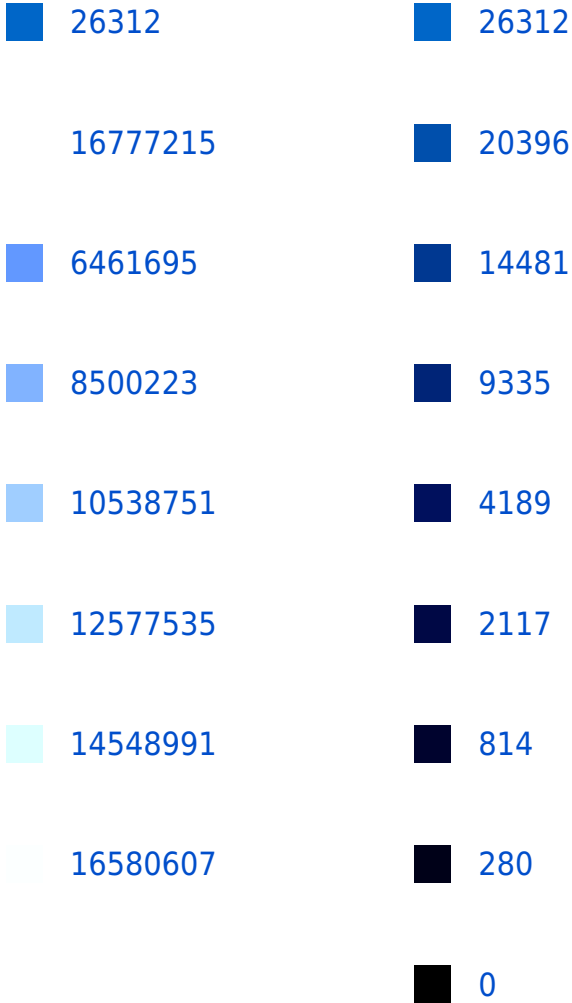
- Cyan (100%)
- Magenta (60%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 26312 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 26312 by changing the saturation by 10% instead.





26312

■ 1339592

■ 2652872

■ 3965896

■ 5279176

■ 6592456

■ 7905736

■ 9219016

■ 10532040

■ 11845320

# Harmonies

## Analogous

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



30150



26312



8671152

# Triad

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



26312



11682853



31817

# Complementary

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



26312



13132288

# 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.



2979349



26312



9657088

# Square

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



26312



12464212



6908928



32125

# Rectangle

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



26312



10894996



6908928



31288

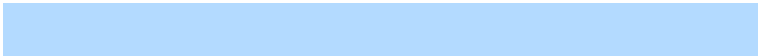


# Sweetspot

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



26312



11787007



51297



5400960



0



8421504



# Same Dimension

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



26312



33535



968



5922659



21411



4644



# Inverse Universe

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



13107302



16711810



13157632



6511199



10682451



2359314



# Previews

## White Background



This preview shows how the Decimal color 26312 looks on a white background.

### Color Contrast Check

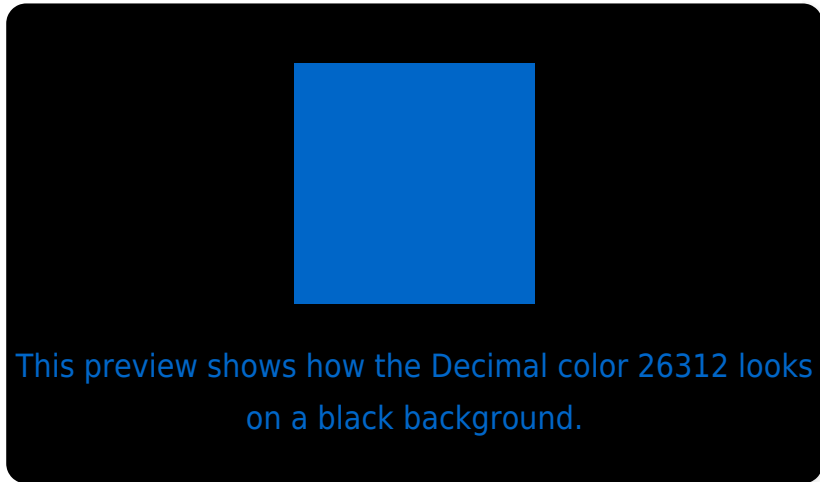
Large Text (above 18pt) WCAG AA ✓ Pass

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

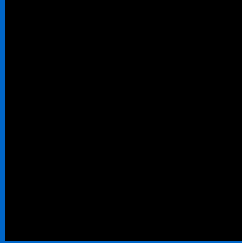
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 26312 Background



This preview shows how black text looks on a background with the Decimal color 26312.



This preview shows how white text looks on a background with the Decimal color 26312.

# Color Blindness Simulation

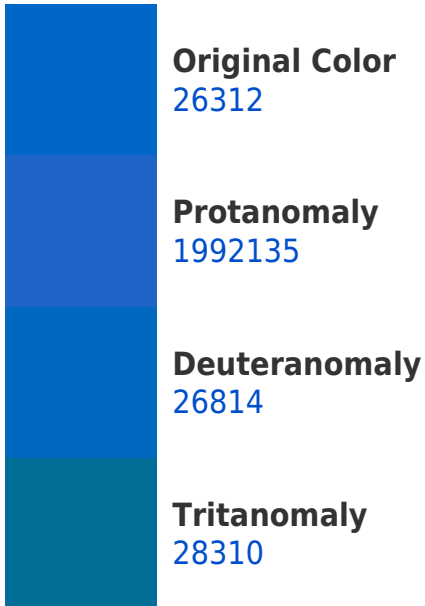
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 26312 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 #0066C8 looks like.

```
.text, #text, p{  
    color:#0066C8  
}
```

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 #0066C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0066C8
}
```

## Border

The CSS property to change the border of an element to Decimal 26312 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
#0066C8 }
```

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

```
.border{ border-color:#0066C8 }
```

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

Here you see how a box with a 4 pixel #0066C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0066C8; -webkit-box-shadow:4px 4px  
4px 4px #0066C8; box-shadow:4px 4px 4px  
4px #0066C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 26312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0066C8 }
```

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

```
.background{ background-color:#0066C8 }
```

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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