

# Converting Colors

Decimal(23480)

Have a look what the booklet for  
Decimal(23480) contains.

<b>Decimal(23480)</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> .....	28

# Color

**Decimal(23480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005BB8
RGB	0, 91, 184
RGB Percent	0%, 36%, 72%
CMY	1.0000, 0.6431, 0.2784
CMYK	1.00, 0.51, 0.00, 0.28
HSL	210°, 100%, 36%
HSV	210°, 100%, 72%
XYZ	12.3928, 10.9429, 46.8064
YIQ	74.3930, -84.0890, 9.6310

# Conversions

## Conversions Part 2

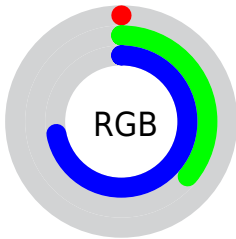
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 184
Decimal	23480
CIELab	39.48, 14.38, -55.28
CIELCh	39, 57.121, 284.586
Yxy	10.9429, 0.1767, 0.1560
Android (android.graphics.Color)	4278213560 (0xFF005BB8)
YUV	74.3930, 54.0363, -65.2427
Hunter-Lab	33.0800, 8.9818, -60.7362

# Details

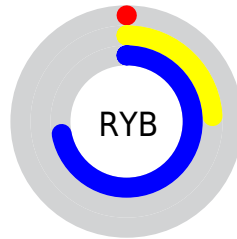
The Decimal color **23480** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12082432**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **6130929**, and **12162** is the 20% darker color. If you saturate the color by 10%, you get **23480**, and if you desaturate by 10%, it is **1205432**.

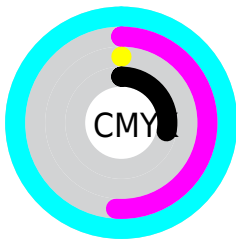
# Distribution



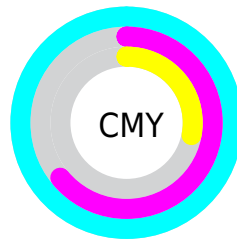
- Red (0%)
- Green (36%)
- Blue (72%)



- Red (0%)
- Yellow (24%)
- Blue (72%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (28%)




















- Cyan (100%)
- Magenta (64%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 23480 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 23480 by changing the saturation by 10% instead.



 23480	 23480
 16777215	 17565
 6130929	 12162
 8169471	 7016
 10142463	 336
 12115455	 1336
 14154495	 545
 16121855	 6
	 0

 23480

■ 1205432

■ 2453176

■ 3635128

■ 4882616

■ 6064824

■ 7246776

■ 8494264

■ 9676216

■ 10923960

# Harmonies

## Analogous

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



27063



23480



8078752

# Triad

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



23480



10632220



28739

# Complementary

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



23480



12082432

# 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.



2190095



23480



8737280

# Square

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



23480



11413321



6054400



29299

# Rectangle

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



23480



10040454



6054400



28466



# Sweetspot

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



23480



11062256



47196



5071480



16250871



7895160



# Same Dimension

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



23480



30704



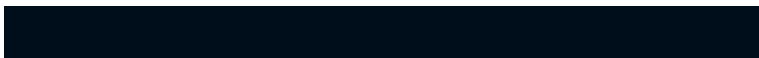
184



5461852



19868



3612



# Inverse Universe

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



12058715



15728759



12105728



6050647



10223693



1835022



# Previews

## White Background



This preview shows how the Decimal color 23480 looks on a white background.

### Color Contrast Check

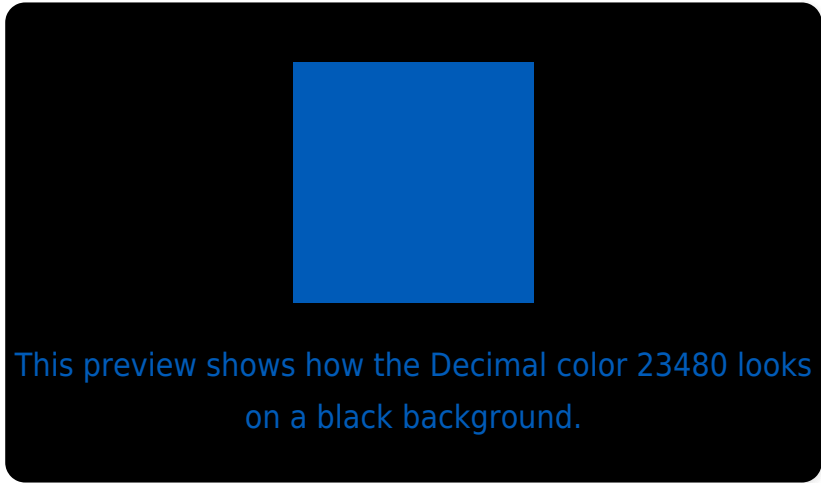
Large Text (above 18pt) WCAG AA ✓ Pass

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

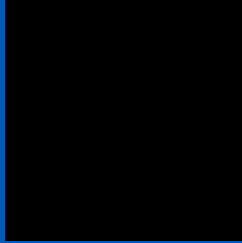
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 23480 Background



This preview shows how black text looks on a background with the Decimal color 23480.

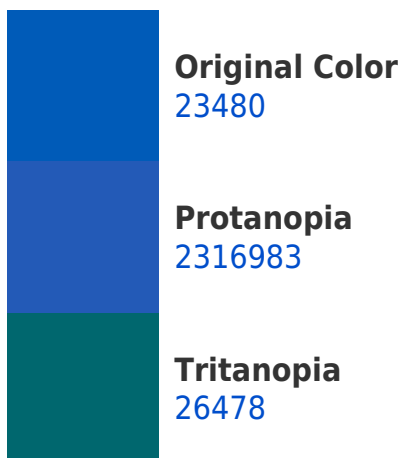


This preview shows how white text looks on a background with the Decimal color 23480.

# 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**  
23480

**Protanomaly**  
1465015

**Tritanomaly**  
25481

# Monochromacy



**Original Color**  
23480

**Achromatopsia**  
4868682

**Achromatomaly**  
3100786

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 23480 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 #005BB8 looks like.

```
.text, #text, p{  
    color:#005BB8  
}
```

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 #005BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005BB8
}
```

## Border

The CSS property to change the border of an element to Decimal 23480 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
#005BB8 }
```

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

```
.border{ border-color:#005BB8 }
```

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

Here you see how a box with a 4 pixel #005BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005BB8; -webkit-box-shadow:4px 4px  
4px 4px #005BB8; box-shadow:4px 4px 4px  
4px #005BB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 23480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005BB8 }
```

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

```
.background{ background-color:#005BB8 }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor