

Converting Colors

Decimal(23487)

Have a look what the booklet for
Decimal(23487) contains.

Decimal(23487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(23487)

Conversions

Conversions Part 1

Format	Color
Hex	005BBF
RGB	0, 91, 191
RGB Percent	0%, 36%, 75%
CMY	1.0000, 0.6431, 0.2510
CMYK	1.00, 0.52, 0.00, 0.25
HSL	211°, 100%, 37%
HSV	211°, 100%, 75%
XYZ	13.1451, 11.2438, 50.7677
YIQ	75.1910, -86.3360, 11.8080

Conversions

Conversions Part 2

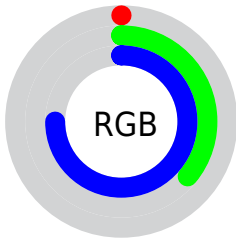
Format	Color
RYB	0, 62, 191
Decimal	23487
CIELab	39.99, 17.24, -58.55
CIELCh	40, 61.041, 286.408
Yxy	11.2438, 0.1749, 0.1496
Android (android.graphics.Color)	4278213567 (0xFF005BBF)
YUV	75.1910, 57.0938, -65.9425
Hunter-Lab	33.5317, 11.2948, -66.2940

Details

The Decimal color **23487** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12542976**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **6262008**, and **12169** is the 20% darker color. If you saturate the color by 10%, you get **23487**, and if you desaturate by 10%, it is **1271231**.

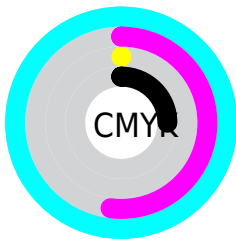
Distribution



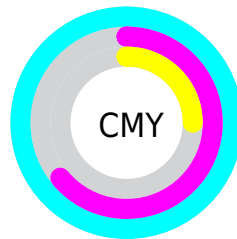
- Red (0%)
- Green (36%)
- Blue (75%)



- Red (0%)
- Yellow (24%)
- Blue (75%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)




















- Cyan (100%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 23487 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 23487 by changing the saturation by 10% instead.

 23487	 23487
 16777215	 17571
 6262008	 12169
 8366079	 7279
 10339071	 86
 12312063	 1597
 14351103	 806
 16318463	 272
	 0

 23487

■ 1271231

■ 2518975

■ 3766719

■ 5014463

■ 6327743

■ 7575487

■ 8823231

■ 10070975

■ 11318719

Harmonies

Analogous

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



27584



23487



8471204

Triad

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



23487



10828565



29253

Complementary

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



23487



12542976

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.



1011212



23487



8737792

Square

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



23487



11804997



5858304



29817

Rectangle

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



23487



10563207



5858304



28979

Sweetspot

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



23487



11391223



48995



5268861



16579836



8224125

Same Dimension

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



23487



30455



196799



5593438



19358



3871

Inverse Universe

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



12517467



16187510



12369664



6182233



10354763



2031631

Previews

White Background



This preview shows how the Decimal color 23487 looks on a white background.

Color Contrast Check

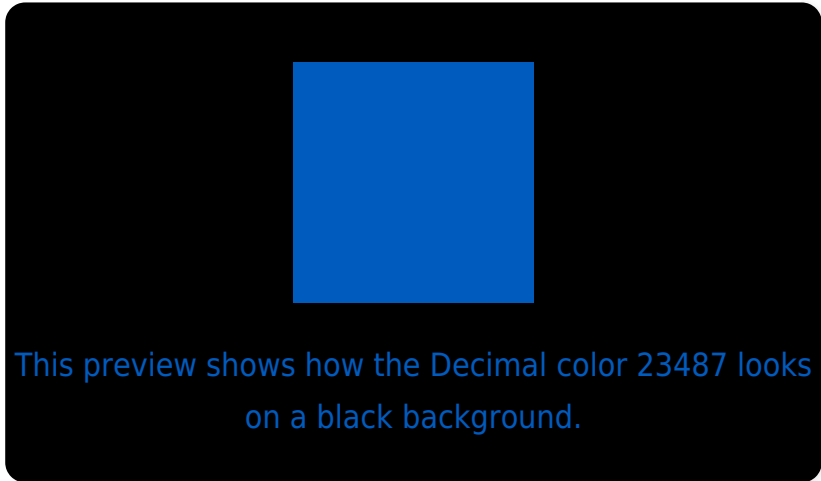
Large Text (above 18pt) WCAG AA ✓ Pass

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

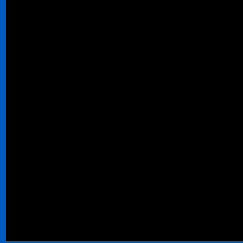
Any Text WCAG AA × Fail

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 23487 Background



This preview shows how black text looks on a background with the Decimal color 23487.



This preview shows how white text looks on a background with the Decimal color 23487.

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](#).

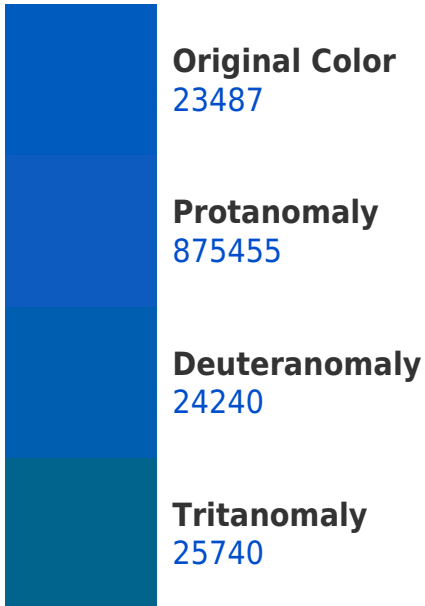
Dichromacy





Tritanopia
26991

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 23487 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 #005BBF looks like.

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

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 #005BBF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 23487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

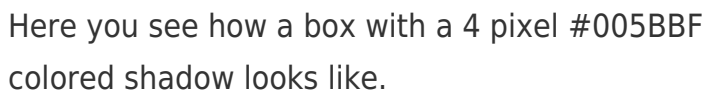
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005BBF }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to Decimal 23487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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