

# Converting Colors

Decimal(25527)

Have a look what the booklet for  
Decimal(25527) contains.

<b>Decimal(25527)</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(25527)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0063B7
RGB	0, 99, 183
RGB Percent	0%, 39%, 72%
CMY	1.0000, 0.6118, 0.2824
CMYK	1.00, 0.46, 0.00, 0.28
HSL	208°, 100%, 36%
HSV	208°, 100%, 72%
XYZ	13.0091, 12.3426, 46.4964
YIQ	78.9750, -85.9680, 5.1360

# Conversions

## Conversions Part 2

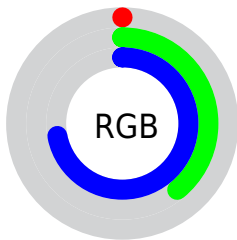
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 183
Decimal	25527
CIELab	41.76, 8.73, -51.03
CIELCh	42, 51.771, 279.707
Yxy	12.3426, 0.1811, 0.1718
Android (android.graphics.Color)	4278215607 (0xFF0063B7)
YUV	78.9750, 51.2843, -69.2611
Hunter-Lab	35.1320, 4.6160, -53.8766

# Details

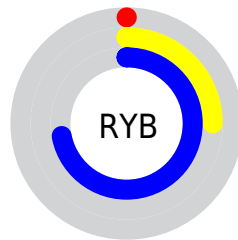
The Decimal color **25527** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12014592**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **6133232**, and **13953** is the 20% darker color. If you saturate the color by 10%, you get **25527**, and if you desaturate by 10%, it is **1207223**.

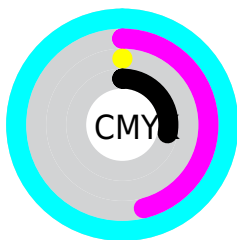
# Distribution



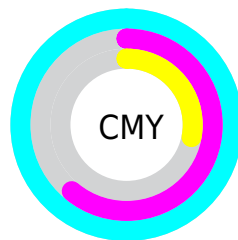
- Red (0%)
- Green (39%)
- Blue (72%)



- Red (0%)
- Yellow (25%)
- Blue (72%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (28%)




















- Cyan (100%)
- Magenta (61%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25527 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 25527 by changing the saturation by 10% instead.



 25527	 25527
 16777215	 19612
 6133232	 13953
 8171775	 8552
 10144767	 2383
 12118015	 1335
 14090239	 545
 16056319	 6
	 0

 25527

■ 1207223

■ 2454711

■ 3636407

■ 4818359

■ 6065591

■ 7247287

■ 8429239

■ 9610935

■ 10858423

# Harmonies

## Analogous

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



28594



25527



7688613

# Triad

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



25527



10896174



29763

# Complementary

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



25527



12014592

# 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.



3895065



25527



9328135

# Square

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



25527



11417174



6972672



30320

# Rectangle

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



25527



9782158



6972672



29493



# Sweetspot

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



25527



10931437



46930



5071992



16250871



7895160



# Same Dimension

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



25527



33005



2487



5462108



21660



3868



# Inverse Universe

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



11993187



15532160



12037632



6050648



10223700



1835023



# Previews

## White Background



This preview shows how the Decimal color 25527 looks on a white background.

### Color Contrast Check

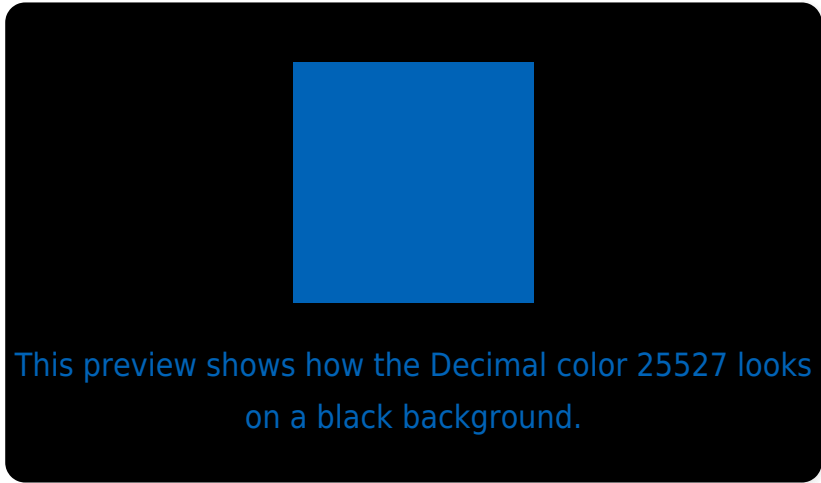
Large Text (above 18pt) WCAG AA ✓ Pass

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

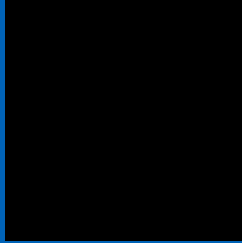
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 25527 Background



This preview shows how black text looks on a background with the Decimal color 25527.



This preview shows how white text looks on a background with the Decimal color 25527.

# 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**  
25527

**Protanomaly**  
2384308

**Tritanomaly**  
27021

# Monochromacy



**Original Color**  
25527

**Achromatopsia**  
5197647

**Achromatomaly**  
3298933

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25527 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 #0063B7 looks like.

```
.text, #text, p{  
    color:#0063B7  
}
```

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 #0063B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063B7
}
```

## Border

The CSS property to change the border of an element to Decimal 25527 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
#0063B7 }
```

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

```
.border{ border-color:#0063B7 }
```

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

Here you see how a box with a 4 pixel #0063B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063B7; -webkit-box-shadow:4px 4px  
4px 4px #0063B7; box-shadow:4px 4px 4px  
4px #0063B7 }
```

# Background

The CSS property to change the background color of an element to Decimal 25527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063B7 }
```

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

```
.background{ background-color:#0063B7 }
```

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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