

Converting Colors

Decimal(25247)

Have a look what the booklet for
Decimal(25247) contains.

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Color

Decimal(25247)

Conversions

Conversions Part 1

Format	Color
Hex	00629F
RGB	0, 98, 159
RGB Percent	0%, 38%, 62%
CMY	1.0000, 0.6157, 0.3765
CMYK	1.00, 0.38, 0.00, 0.38
HSL	203°, 100%, 31%
HSV	203°, 100%, 62%
XYZ	10.6257, 11.2386, 34.4101
YIQ	75.6520, -77.9890, -1.8050

Conversions

Conversions Part 2

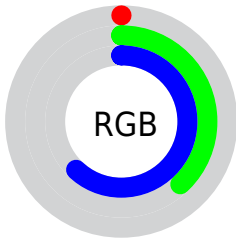
Format	Color
RYB	0, 61, 159
Decimal	25247
CIELab	39.98, -0.42, -39.71
CIELCh	40, 39.716, 269.388
Yxy	11.2386, 0.1888, 0.1997
Android (android.graphics.Color)	4278215327 (0xFF00629F)
YUV	75.6520, 41.0906, -66.3468
Hunter-Lab	33.5240, -2.0900, -37.3904

Details

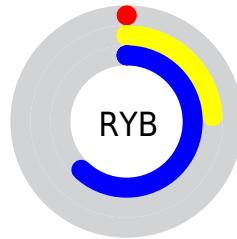
The Decimal color **25247** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10435840**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **5674198**, and **13419** is the 20% darker color. If you saturate the color by 10%, you get **25247**, and if you desaturate by 10%, it is **1075359**.

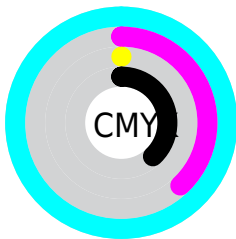
Distribution



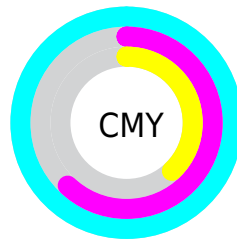
- Red (0%)
- Green (38%)
- Blue (62%)



- Red (0%)
- Yellow (24%)
- Blue (62%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



















- Cyan (100%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 25247 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 25247 by changing the saturation by 10% instead.

 25247	 25247
 16777215	 19077
 5674198	 13419
 7647219	 8274
 9554687	 1595
 11462399	 548
 13369343	 12
 15335423	 0

 25247

 1075359

■ 2125471

■ 3175583

■ 4225695

■ 5276063

■ 6260639

■ 7310751

■ 8360863

■ 9410975

Harmonies

Analogous

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



27286



25247



6182551

Triad

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



25247



9979200



2255676

Complementary

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



25247



10435840

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.



5269026



25247



8998950

Square

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



25247



9978208



7363608



28252

Rectangle

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



25247



8015241



7363608



3500594

Sweetspot

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



25247



9549775



40765



4414057



15263976



6908265

Same Dimension

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



25247



32719



5023



4672591



22671



2319

Inverse Universe

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



10420322



13566079



10456064



5195596



9371736



983049

Previews

White Background



This preview shows how the Decimal color 25247 looks on a white background.

Color Contrast Check

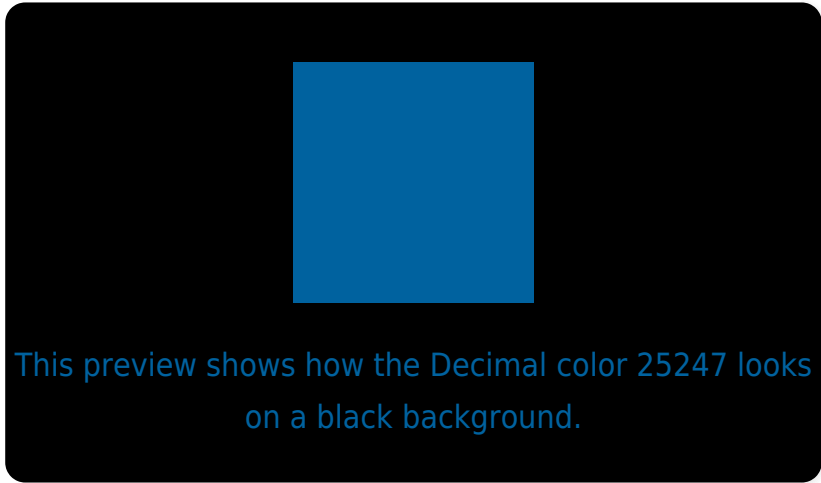
Large Text (above 18pt) WCAG AA ✓ Pass

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

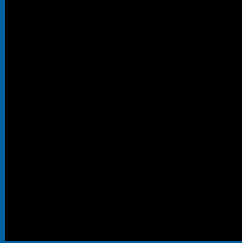
Any Text WCAG AA × Fail

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 25247 Background



This preview shows how black text looks on a background with the Decimal color 25247.

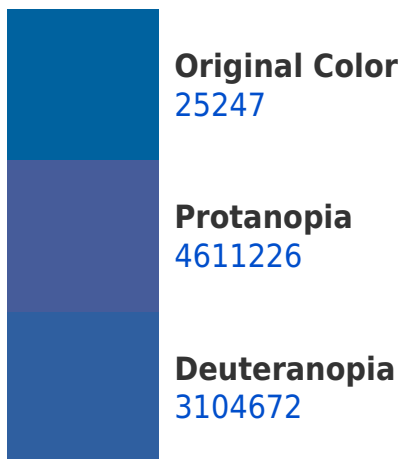


This preview shows how white text looks on a background with the Decimal color 25247.

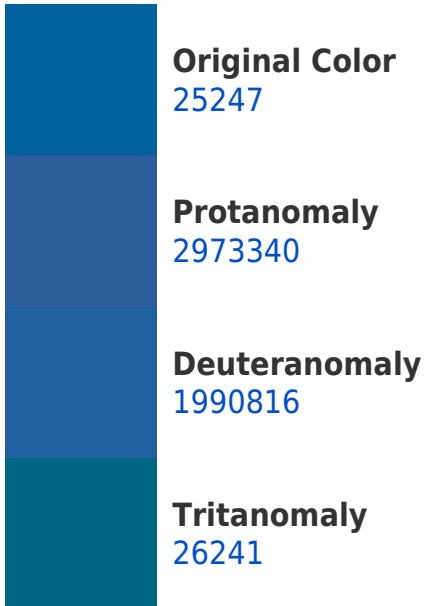
Color Blindness Simulation

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 25247 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 #00629F looks like.

```
.text, #text, p{  
    color:#00629F  
}
```

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 #00629F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00629F
}
```

Border

The CSS property to change the border of an element to Decimal 25247 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
#00629F }
```

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

```
.border{ border-color:#00629F }
```

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

Here you see how a box with a 4 pixel #00629F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00629F; -webkit-box-shadow:4px 4px  
4px 4px #00629F; box-shadow:4px 4px 4px  
4px #00629F }
```

Background

The CSS property to change the background color of an element to Decimal 25247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00629F }
```

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

```
.background{ background-color:#00629F }
```

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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