

# Converting Colors

Decimal(13187)

Have a look what the booklet for  
Decimal(13187) contains.

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# Color

**Decimal(13187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003383
RGB	0, 51, 131
RGB Percent	0%, 20%, 51%
CMY	1.0000, 0.8000, 0.4863
CMYK	1.00, 0.61, 0.00, 0.49
HSL	217°, 100%, 26%
HSV	217°, 100%, 51%
XYZ	5.2806, 4.0063, 21.9677
YIQ	44.8710, -56.0760, 14.0680

# Conversions

## Conversions Part 2

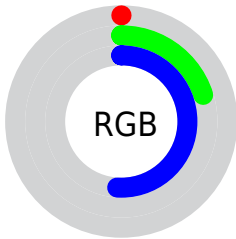
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 131
Decimal	13187
CIELab	23.69, 19.70, -48.87
CIELCh	24, 52.688, 291.956
Yxy	4.0063, 0.1690, 0.1282
Android (android.graphics.Color)	4278203267 (0xFF003383)
YUV	44.8710, 42.4616, -39.3519
Hunter-Lab	20.0159, 12.0639, -51.0606

# Details

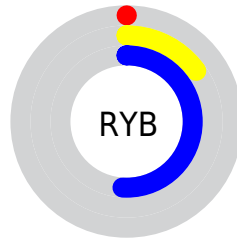
The Decimal color **13187** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8605696**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **5136825**, and **2129** is the 20% darker color. If you saturate the color by 10%, you get **13187**, and if you desaturate by 10%, it is **867203**.

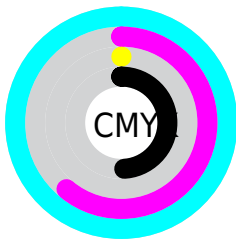
# Distribution



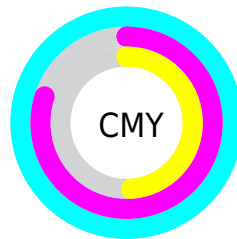
- Red (0%)
- Green (20%)
- Blue (51%)



- Red (0%)
- Yellow (15%)
- Blue (51%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (80%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13187 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 13187 by changing the saturation by 10% instead.



■ 13187                      ■ 13187

16777215                      ■ 8041

■ 5136825                      ■ 2129

■ 7043541                      ■ 1337

■ 8885234                      ■ 546

■ 10792703                      ■ 9

■ 12700159                      ■ 0

■ 14607871

■ 16580607

■ 13187

■ 867203

■ 1721219

■ 2575235

■ 3429251

■ 4348803

■ 5202819

■ 6056835

■ 6910851

■ 7764867

# Harmonies

## Analogous

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



16776



13187



5970538

# Triad

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



13187



7020032



18476

# Complementary

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



13187



8605696

# 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.



17664



13187



5190400

# Square

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



13187



7929886



2834176



18517

# Rectangle

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



13187



7405650



2834176



18206



# Sweetspot

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



13187



7900331



33615



3621975



14079702



5723991



# Same Dimension

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



13187



17323



852099



3948098



13186



259



# Inverse Universe

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



8585267



11206723



7766784



4340798



8519731



196609



# Previews

## White Background



This preview shows how the Decimal color 13187 looks on a white background.

## Color Contrast Check

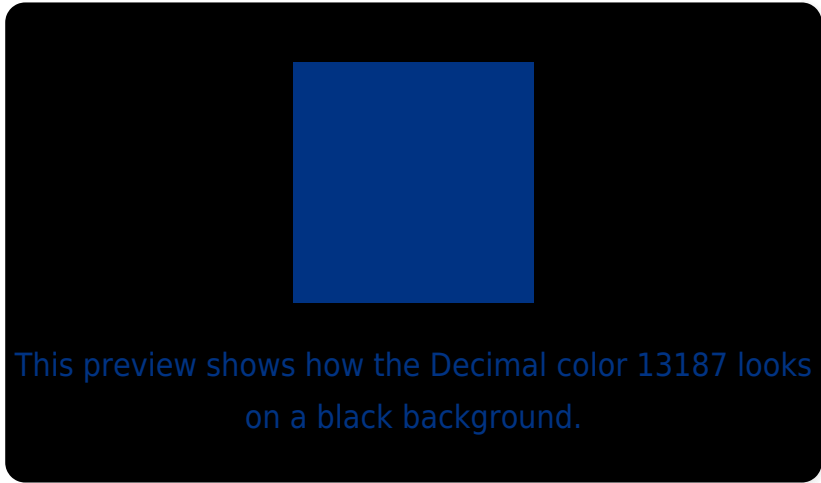
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

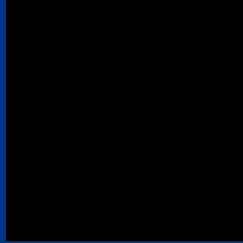
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 13187 Background



This preview shows how black text looks on a background with the Decimal color 13187.



This preview shows how white text looks on a background with the Decimal color 13187.

# 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



**Original Color**

13187

**Protanopia**

14197

**Deuteranopia**

15204



# Trichromacy



**Original Color**  
13187

**Protanomaly**  
13946

**Deuteranomaly**  
14447

**Tritanomaly**  
15194

# Monochromacy



**Original Color**  
13187

**Achromatopsia**  
2960685

**Achromatomaly**  
1912652

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13187 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 #003383 looks like.

```
.text, #text, p{  
    color:#003383  
}
```

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 #003383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003383
}
```

## Border

The CSS property to change the border of an element to Decimal 13187 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
#003383 }
```

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

```
.border{ border-color:#003383 }
```

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

Here you see how a box with a 4 pixel #003383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003383; -webkit-box-shadow:4px 4px  
4px 4px #003383; box-shadow:4px 4px 4px  
4px #003383 }
```

# Background

The CSS property to change the background color of an element to Decimal 13187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003383 }
```

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

```
.background{ background-color:#003383 }
```

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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