

# Converting Colors

Decimal(4517)

Have a look what the booklet for  
Decimal(4517) contains.

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# Color

**Decimal(4517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0011A5
RGB	0, 17, 165
RGB Percent	0%, 7%, 65%
CMY	1.0000, 0.9333, 0.3529
CMYK	1.00, 0.90, 0.00, 0.35
HSL	234°, 100%, 32%
HSV	234°, 100%, 65%
XYZ	6.9920, 3.1175, 35.8305
YIQ	28.7890, -57.6400, 42.4240

# Conversions

## Conversions Part 2

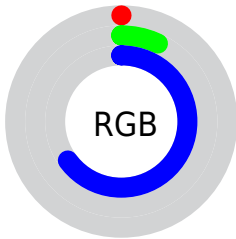
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 15, 165
Decimal	4517
CIELab	20.51, 52.14, -75.13
CIELCh	21, 91.452, 304.759
Yxy	3.1175, 0.1522, 0.0679
Android (android.graphics.Color)	4278194597 (0xFF0011A5)
YUV	28.7890, 67.1520, -25.2480
Hunter-Lab	17.6565, 39.7873, -107.9585

# Details

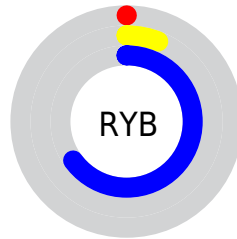
The Decimal color **4517** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10851328**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **6177757**, and **112** is the 20% darker color. If you saturate the color by 10%, you get **4517**, and if you desaturate by 10%, it is **1056933**.

# Distribution



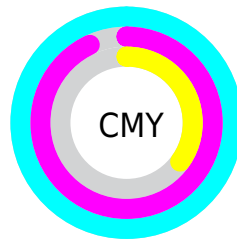
- Red (0%)
- Green (7%)
- Blue (65%)



- Red (0%)
- Yellow (6%)
- Blue (65%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (93%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4517 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 4517 by changing the saturation by 10% instead.



■ 4517                      ■ 4517

16777215                      ■ 138

■ 6177757                      ■ 112

■ 8215547                      ■ 854

■ 10188287                      ■ 1598

■ 12226559                      ■ 807

■ 14199551                      ■ 272

■ 16238335                      ■ 0

■ 16770047

■ 4517

■ 1056933

■ 2174885

■ 3292581

■ 4344997

■ 5397413

■ 6515365

■ 7567781

■ 8685477

■ 9737893

# Harmonies

## Analogous

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



15807



4517



8454253

# Triad

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



4517



6818048



17979

# Complementary

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



4517



10851328

# 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.



17408



4517



3421184

# Square

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



4517



9175040



16128



18559

# Rectangle

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



4517



9830465



16128



17699



# Sweetspot

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



4517



9870806



42386



4540779



15461355



7039851



# Same Dimension

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



4517



5846



4128933



4803154



3985



530



# Inverse Universe

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



10813457



14024726



6726912



5392714



9502735

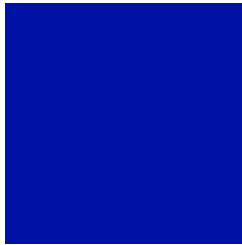


1179650



# Previews

## White Background



This preview shows how the Decimal color 4517 looks on a white background.

## Color Contrast Check

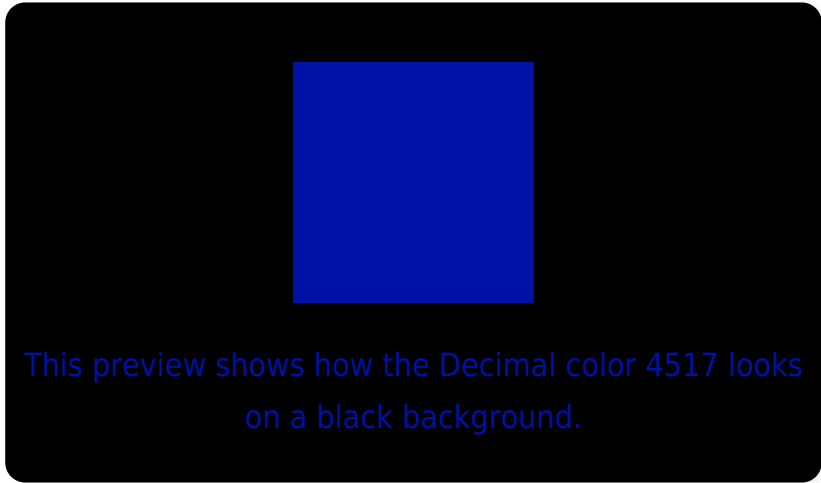
Large Text (above 18pt) WCAG AA ✓ Pass

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

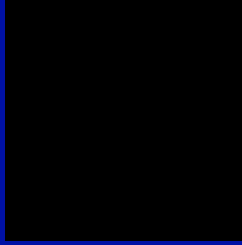
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4517 Background



This preview shows how black text looks on a background with the Decimal color 4517.

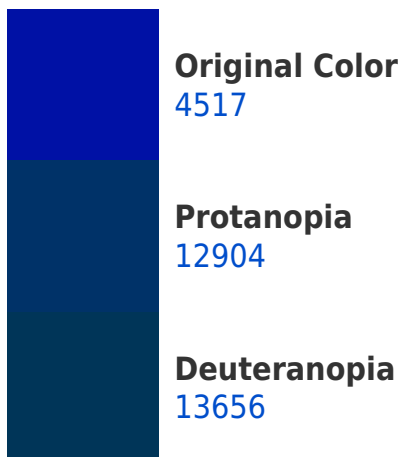


This preview shows how white text looks on a background with the Decimal color 4517.

# 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**  
4517

**Protanomaly**  
9854

**Deuteranomaly**  
10356

**Tritanomaly**  
10850

# Monochromacy



**Original Color**  
4517

**Achromatopsia**  
1907997

**Achromatomaly**  
1186126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4517 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 #0011A5 looks like.

```
.text, #text, p{  
    color:#0011A5  
}
```

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 #0011A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0011A5
}
```

## Border

The CSS property to change the border of an element to Decimal 4517 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
#0011A5 }
```

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

```
.border{ border-color:#0011A5 }
```

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

Here you see how a box with a 4 pixel #0011A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0011A5; -webkit-box-shadow:4px 4px  
4px 4px #0011A5; box-shadow:4px 4px 4px  
4px #0011A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0011A5 }
```

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

```
.background{ background-color:#0011A5 }
```

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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