

Converting Colors

Decimal(12917)

Have a look what the booklet for
Decimal(12917) contains.

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Color

Decimal(12917)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 003275 |
| RGB | 0, 50, 117 |
| RGB Percent | 0%, 20%, 46% |
| CMY | 1.0000, 0.8039, 0.5412 |
| CMYK | 1.00, 0.57, 0.00, 0.54 |
| HSL | 214°, 100%, 23% |
| HSV | 214°, 100%, 46% |
| XYZ | 4.3515, 3.5656, 17.2885 |
| YIQ | 42.6880, -51.3070, 10.2370 |

Conversions

Conversions Part 2

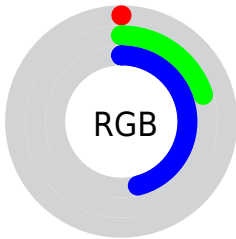
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 35, 117 |
| Decimal | 12917 |
| CIELab | 22.18, 14.30, -42.47 |
| CIELCh | 22, 44.816, 288.609 |
| Yxy | 3.5656, 0.1726, 0.1415 |
| Android (android.graphics.Color) | 4278202997 (0xFF003275) |
| YUV | 42.6880, 36.6358, -37.4374 |
| Hunter-Lab | 18.8827, 8.0904, -41.0665 |

Details

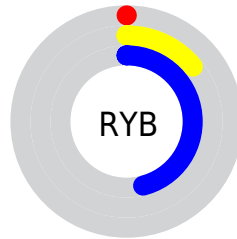
The Decimal color **12917** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7684864**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4808874**, and **1092** is the 20% darker color. If you saturate the color by 10%, you get **12917**, and if you desaturate by 10%, it is **801141**.

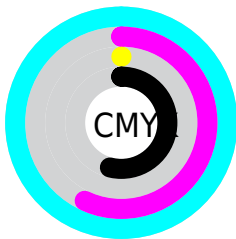
Distribution



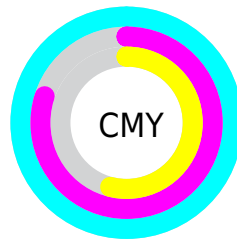
- Red (0%)
- Green (20%)
- Blue (46%)



- Red (0%)
- Yellow (14%)
- Blue (46%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12917 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 12917 by changing the saturation by 10% instead.

■ 12917 ■ 12917

16777215 ■ 7772

■ 4808874 ■ 1092

■ 6650053 ■ 813

■ 8491746 ■ 279

■ 10333438 ■ 0

■ 12175359

■ 14083071

■ 16056319

■ 12917

■ 801141

■ 1523573

■ 2311797

■ 3100021

■ 3888245

■ 4610677

■ 5398901

■ 6187125

■ 6909557

Harmonies

Analogous

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



15735



12917



5185634

Triad

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



12917



6495744



16935

Complementary

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



12917



7684864

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.



16384



12917



5058304

Square

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



12917



7210786



3095040



17225

Rectangle

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



12917



6492238



3095040



16923

Sweetspot

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



12917



7045017



30018



3226957



13421772



5066061

Same Dimension

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



12917



16793



524405



3487547



13434



27642

Inverse Universe

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



7667762



10027073



7173376



3880247



7995444



16384107

Previews

White Background



This preview shows how the Decimal color 12917 looks on a white background.

Color Contrast Check

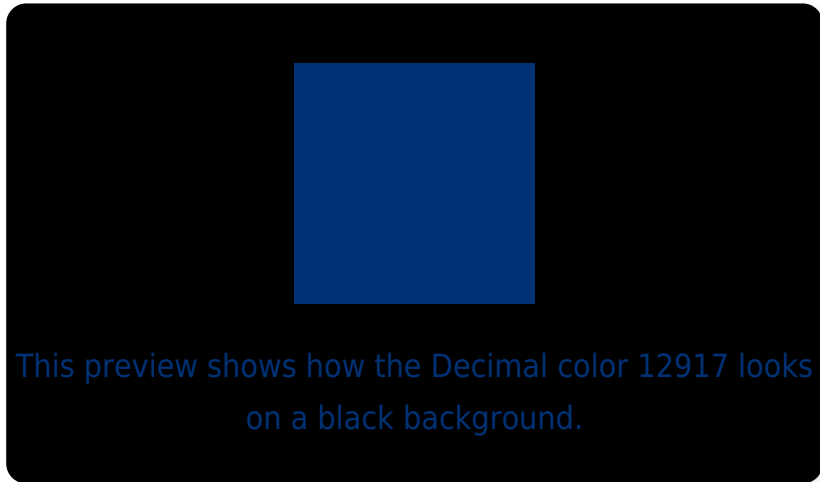
Large Text (above 18pt) WCAG AA ✓ Pass

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

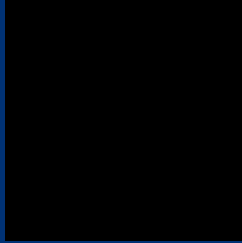
Any Text WCAG AA × Fail

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 12917 Background



This preview shows how black text looks on a background with the Decimal color 12917.



This preview shows how white text looks on a background with the Decimal color 12917.

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
12917

Protanopia
13422

Deuteranopia
14175

Trichromacy



Original Color
12917

Protanomaly
13169

Deuteranomaly
13671

Tritanomaly
14419

Monochromacy



Original Color
12917

Achromatopsia
2829099

Achromatomaly
1781318

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12917 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 #003275 looks like.

```
.text, #text, p{  
    color:#003275  
}
```

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 #003275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003275
}
```

Border

The CSS property to change the border of an element to Decimal 12917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

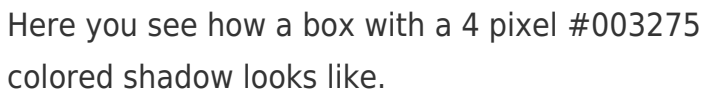
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003275 }
```

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

```
.border{ border-color:#003275 }
```

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



Here you see how a box with a 4 pixel #003275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003275; -webkit-box-shadow:4px 4px  
4px 4px #003275; box-shadow:4px 4px 4px  
4px #003275 }
```

Background

The CSS property to change the background color of an element to Decimal 12917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003275 }
```

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

```
.background{ background-color:#003275 }
```

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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