

Converting Colors

Decimal(273564)

Have a look what the booklet for
Decimal(273564) contains.

Decimal(273564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(273564)

Conversions

Conversions Part 1

Format	Color
Hex	042C9C
RGB	4, 44, 156
RGB Percent	2%, 17%, 61%
CMY	0.9843, 0.8275, 0.3882
CMYK	0.97, 0.72, 0.00, 0.39
HSL	224°, 95%, 31%
HSV	224°, 97%, 61%
XYZ	6.9515, 4.2275, 31.9021
YIQ	44.8080, -59.7920, 26.3520

Conversions

Conversions Part 2

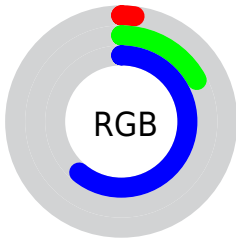
Format	Color
RYB	4, 36, 156
Decimal	273564
CIELab	24.41, 34.92, -63.16
CIELCh	24, 72.174, 298.935
Yxy	4.2275, 0.1614, 0.0981
Android (android.graphics.Color)	4278463644 (0xFF042C9C)
YUV	44.8080, 54.8177, -35.7886
Hunter-Lab	20.5608, 24.3684, -77.6015

Details

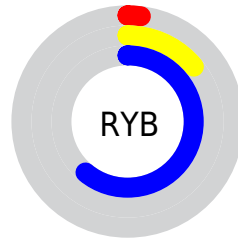
The Decimal color **273564** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10253316**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **5855956**, and **871** is the 20% darker color. If you saturate the color by 10%, you get **10652**, and if you desaturate by 10%, it is **1324956**.

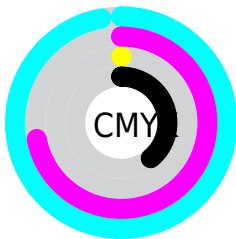
Distribution



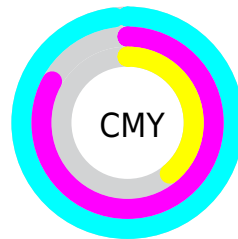
- Red (2%)
- Green (17%)
- Blue (61%)



- Red (2%)
- Yellow (14%)
- Blue (61%)



- Cyan (97%)
- Magenta (72%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (83%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 273564 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 273564 by changing the saturation by 10% instead.

■ 273564 ■ 273564

16777215 ■ 6017

■ 5855956 ■ 871

■ 7828208 ■ 334

■ 9800959 ■ 1334

■ 11708159 ■ 544

■ 13681407 ■ 4

■ 15654655 ■ 0

■ 16775935

■ 273564 ■ 273564

■ 10652

■ 1324956

■ 2311068

■ 3362460

■ 4348572

■ 5399964

■ 6451612

■ 7437468

■ 8489116

■ 9474972

Harmonies

Analogous

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



17578



273564



7602291

Triad

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



273564



7477504



19767

Complementary

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



273564



10253316

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.



18944



273564



4864000

Square

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



273564



9175048



345344



20078

Rectangle

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



273564



9109585



345344



19491

Sweetspot

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



273564



9543884



302195



4344934



15132390



6710886

Same Dimension

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



273564



14028



2557084



4671823



9871



1039

Inverse Universe

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



10224684



13369398



7969796



5195593



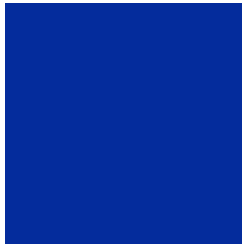
9371686



983044

Previews

White Background



This preview shows how the Decimal color 273564 looks on a white background.

Color Contrast Check

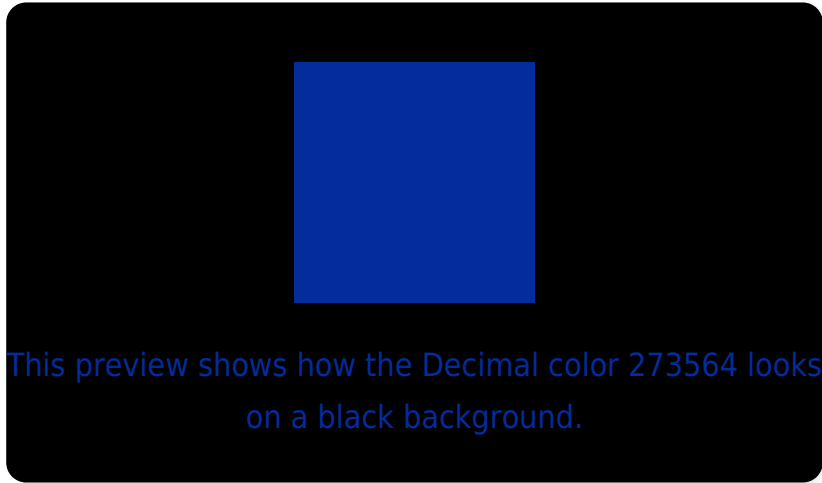
Large Text (above 18pt) WCAG AA ✓ Pass

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

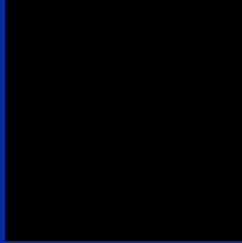
Any Text WCAG AA × Fail

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 273564 Background



This preview shows how black text looks on a background with the Decimal color 273564.



This preview shows how white text looks on a background with the Decimal color 273564.

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
273564

Protanopia
14711

Deuteranopia
15461

Trichromacy



Original Color
273564

Protanomaly
78980

Deuteranomaly
79481

Tritanomaly
80228

Monochromacy



Original Color
273564

Achromatopsia
2960685

Achromatomaly
1977685

CSS Examples

Text

The CSS property to change the color of the text to Decimal 273564 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 #042C9C looks like.

```
.text, #text, p{  
    color:#042C9C  
}
```

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 #042C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042C9C
}
```

Border

The CSS property to change the border of an element to Decimal 273564 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".

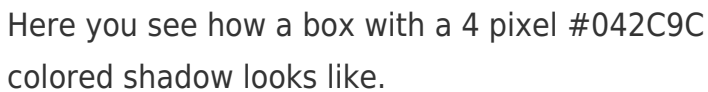
```
.border, #border, table{ border:4px solid
#042C9C }
```

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

```
.border{ border-color:#042C9C }
```

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

Here you see how a box with a 4 pixel #042C9C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042C9C; -webkit-box-shadow:4px 4px  
4px 4px #042C9C; box-shadow:4px 4px 4px  
4px #042C9C }
```

Background

The CSS property to change the background color of an element to Decimal 273564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042C9C }
```

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

```
.background{ background-color:#042C9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor