

Converting Colors

Decimal(280473)

Have a look what the booklet for
Decimal(280473) contains.

Decimal(280473)	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(280473)

Conversions

Conversions Part 1

Format	Color
Hex	044799
RGB	4, 71, 153
RGB Percent	2%, 28%, 60%
CMY	0.9843, 0.7216, 0.4000
CMYK	0.97, 0.54, 0.00, 0.40
HSL	213°, 95%, 31%
HSV	213°, 97%, 60%
XYZ	8.0531, 6.8322, 31.0313
YIQ	60.3150, -66.2540, 11.2980

Conversions

Conversions Part 2

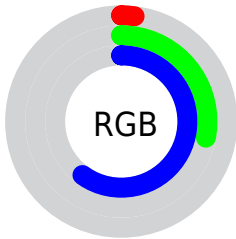
Format	Color
R_{YB}	4, 50, 153
Decimal	280473
CIE _{Lab}	31.42, 15.20, -49.85
CIE _{LCh}	31, 52.121, 286.958
Yxy	6.8322, 0.1754, 0.1488
Android (android.graphics.Color)	4278470553 (0xFF044799)
YUV	60.3150, 45.6937, -49.3883
Hunter-Lab	26.1385, 9.2523, -52.0915

Details

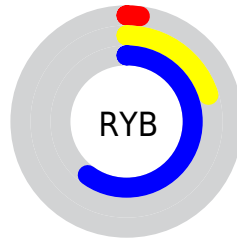
The Decimal color **280473** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10049028**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5601232**, and **7525** is the 20% darker color. If you saturate the color by 10%, you get **17817**, and if you desaturate by 10%, it is **1265561**.

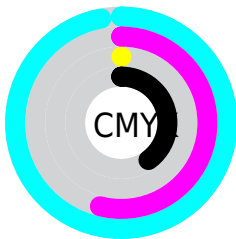
Distribution



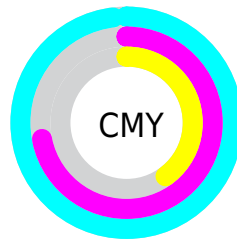
- Red (2%)
- Green (28%)
- Blue (60%)



- Red (2%)
- Yellow (20%)
- Blue (60%)



- Cyan (97%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 280473 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 280473 by changing the saturation by 10% instead.

■ 280473 ■ 280473

16777215 ■ 12671

■ 5601232 ■ 7525

■ 7573741 ■ 845

■ 9481215 ■ 1333

■ 11388671 ■ 543

■ 13296383 ■ 1

■ 15269631 ■ 0

■ 280473 ■ 280473

■ 17817 ■ 1265561

■ 2316441

■ 3301529

■ 4286873

■ 5337497

■ 6322841

■ 7307929

■ 8293017

■ 9343897

Harmonies

Analogous

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



21658



280473



6763138

Triad

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



280473



8662541



23094

Complementary

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



280473



10049028

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.



349959



280473



6898176

Square

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



280473



9443125



4542208



23649

Rectangle

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



280473



8462955



4542208



23080

Sweetspot

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



280473



9283527



301398



4280419



14935011



6513507

Same Dimension

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



280473



22983



722073



4540493



16268



1549

Inverse Universe

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



10028103



13041753



9607428



5064008



9175103



851974

Previews

White Background



This preview shows how the Decimal color 280473 looks on a white background.

Color Contrast Check

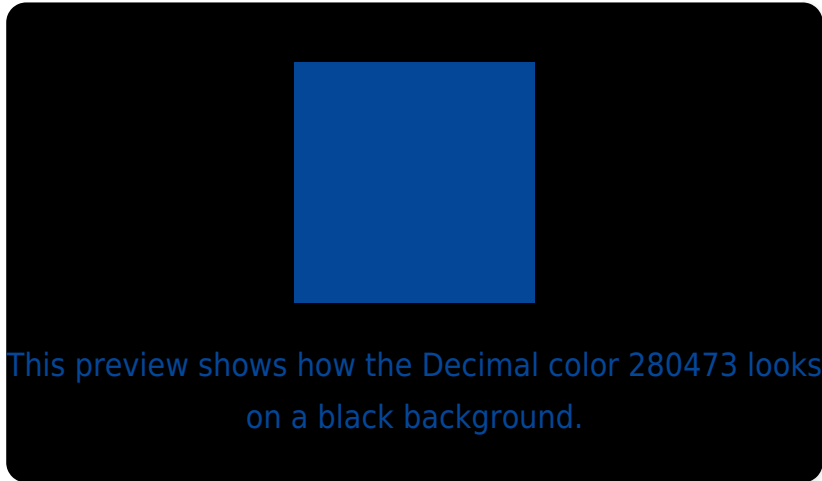
Large Text (above 18pt) WCAG AA ✓ Pass

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 280473 Background



This preview shows how black text looks on a background with the Decimal color 280473.



This preview shows how white text looks on a background with the Decimal color 280473.

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
280473

Protanopia
18328

Deuteranopia
19587

Trichromacy



Original Color
280473

Protanomaly
83864

Deuteranomaly
84619

Tritanomaly
85616

Monochromacy



Original Color
280473

Achromatopsia
3947580

Achromatomaly
2637918

CSS Examples

Text

The CSS property to change the color of the text to Decimal 280473 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 #044799 looks like.

```
.text, #text, p{  
    color:#044799  
}
```

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 #044799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044799
}
```

Border

The CSS property to change the border of an element to Decimal 280473 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
#044799 }
```

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

```
.border{ border-color:#044799 }
```

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

Here you see how a box with a 4 pixel #044799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044799; -webkit-box-shadow:4px 4px  
4px 4px #044799; box-shadow:4px 4px 4px  
4px #044799 }
```

Background

The CSS property to change the background color of an element to Decimal 280473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044799 }
```

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

```
.background{ background-color:#044799 }
```

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