

Converting Colors

Decimal(80797)

Have a look what the booklet for
Decimal(80797) contains.

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Color

Decimal(80797)

Conversions

Conversions Part 1

Format	Color
Hex	013B9D
RGB	1, 59, 157
RGB Percent	0%, 23%, 62%
CMY	0.9961, 0.7686, 0.3843
CMYK	0.99, 0.62, 0.00, 0.38
HSL	218°, 99%, 31%
HSV	218°, 99%, 62%
XYZ	7.6623, 5.5687, 32.5693
YIQ	52.8300, -66.0260, 18.1820

Conversions

Conversions Part 2

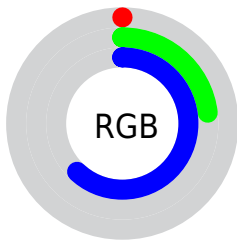
Format	Color
R_{YB}	1, 43, 157
Decimal	80797
CIE _{Lab}	28.30, 25.06, -57.38
CIE _{LCh}	28, 62.614, 293.591
Yxy	5.5687, 0.1673, 0.1216
Android (android.graphics.Color)	4278270877 (0xFF013B9D)
YUV	52.8300, 51.3558, -45.4549
Hunter-Lab	23.5981, 16.6621, -65.3114

Details

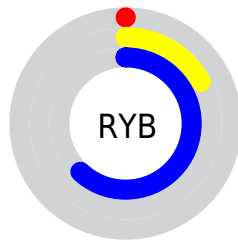
The Decimal color **80797** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10314497**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5728981**, and **4968** is the 20% darker color. If you saturate the color by 10%, you get **15005**, and if you desaturate by 10%, it is **1131933**.

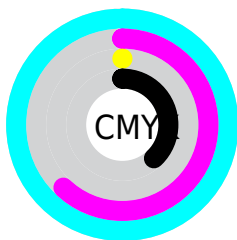
Distribution



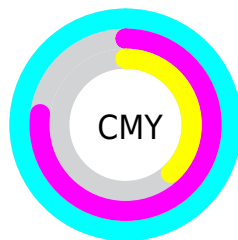
- Red (0%)
- Green (23%)
- Blue (62%)



- Red (0%)
- Yellow (17%)
- Blue (62%)



- Cyan (99%)
- Magenta (62%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (77%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 80797 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 80797 by changing the saturation by 10% instead.

■ 80797

■ 80797

16777215

■ 9858

■ 5728981

■ 4968

■ 7701489

■ 80

■ 9608703

■ 1336

■ 11581439

■ 545

■ 13489151

■ 7

■ 15462399

■ 0

■ 80797

■ 80797

■ 15005

■ 1131933

■ 2117533

■ 3168669

■ 4219549

■ 5270685

■ 6256285

■ 7307421

■ 8358557

■ 9344157

Harmonies

Analogous

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



19877



80797



7346301

Triad

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



80797



8200960



21815

Complementary

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



80797



10314497

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.



20992



80797



5979392

Square

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



80797



9502752



3033856



22120

Rectangle

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



80797



8912991



3033856



21541

Sweetspot

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



80797



9414348



105825



4280166



15132390



6710886

Same Dimension

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



80797



19660



1245597



4672079



13711



1551

Inverse Universe

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



10289467



13369420



9149697



5195594



9371701



983046

Previews

White Background



This preview shows how the Decimal color 80797 looks on a white background.

Color Contrast Check

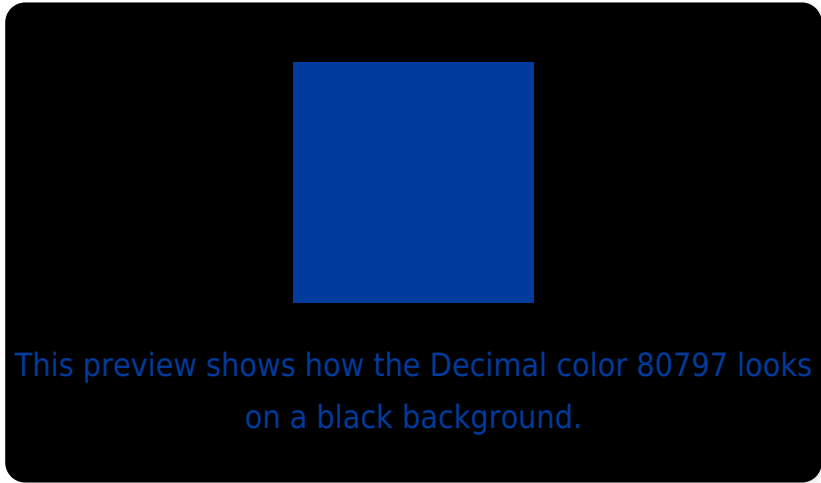
Large Text (above 18pt) WCAG AA ✓ Pass

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

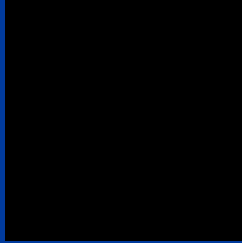
Any Text WCAG AA × Fail

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 80797 Background



This preview shows how black text looks on a background with the Decimal color 80797.



This preview shows how white text looks on a background with the Decimal color 80797.

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
80797

Protanomaly
16272

Tritanomaly
17771

Monochromacy



Original Color
80797

Achromatopsia
3487029

Achromatomaly
2242395

CSS Examples

Text

The CSS property to change the color of the text to Decimal 80797 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 #013B9D looks like.

```
.text, #text, p{  
    color:#013B9D  
}
```

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 #013B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013B9D
}
```

Border

The CSS property to change the border of an element to Decimal 80797 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
#013B9D }
```

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

```
.border{ border-color:#013B9D }
```

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

Here you see how a box with a 4 pixel #013B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013B9D; -webkit-box-shadow:4px 4px  
4px 4px #013B9D; box-shadow:4px 4px 4px  
4px #013B9D }
```

Background

The CSS property to change the background color of an element to Decimal 80797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013B9D }
```

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

```
.background{ background-color:#013B9D }
```

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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