

Converting Colors

Decimal(803953)

Have a look what the booklet for
Decimal(803953) contains.

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Color

Decimal(803953)

Conversions

Conversions Part 1

Format	Color
Hex	0C4471
RGB	12, 68, 113
RGB Percent	5%, 27%, 44%
CMY	0.9529, 0.7333, 0.5569
CMYK	0.89, 0.40, 0.00, 0.56
HSL	207°, 81%, 25%
HSV	207°, 89%, 44%
XYZ	5.1994, 5.4047, 16.3920
YIQ	56.3860, -47.8210, 2.1230

Conversions

Conversions Part 2

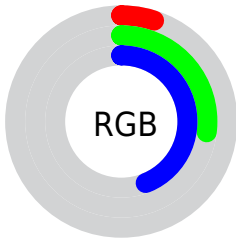
Format	Color
R_{YB}	12, 48, 113
Decimal	803953
CIE Lab	27.86, 0.76, -30.78
CIE LCh	28, 30.787, 271.419
Yxy	5.4047, 0.1926, 0.2002
Android (android.graphics.Color)	4278994033 (0xFF0C4471)
YUV	56.3860, 27.9107, -38.9265
Hunter-Lab	23.2479, -0.7625, -25.5314

Details

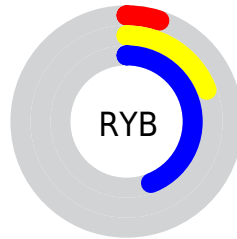
The Decimal color **803953** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7420172**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **5010597**, and **6721** is the 20% darker color. If you saturate the color by 10%, you get **81777**, and if you desaturate by 10%, it is **1526129**.

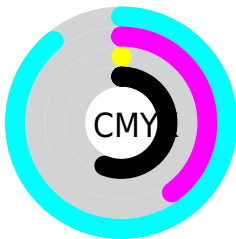
Distribution



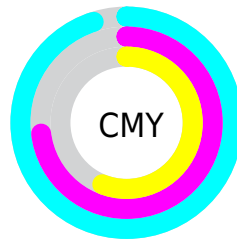
- Red (5%)
- Green (27%)
- Blue (44%)



- Red (5%)
- Yellow (19%)
- Blue (44%)



- Cyan (89%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 803953 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 803953 by changing the saturation by 10% instead.

803953

803953

16777215

11864

5010597

6721

6786496

810

8562908

277

10404857

0

12246783

14154751

16056319

803953

803953

■ 81777

■ 1526129

■ 16241

■ 2313841

■ 3036017

■ 3758193

■ 4545905

■ 5268081

■ 5990257

■ 6712433

■ 7500145

Harmonies

Analogous

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



19051



803953



4471658

Triad

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



803953



7090218



1264682

Complementary

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



803953



7420172

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.



3557399



803953



6305816

Square

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



803953



7089218



5128463



19778

Rectangle

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



803953



5780576



5128463



2181667

Sweetspot

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



803953



7111316



815416



3293002



13224393



4868682

Same Dimension

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



803953



21140



791409



3290680



17016



35319

Inverse Universe

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



7408708



9699410



7432716



3682870



7864386



16187529

Previews

White Background



This preview shows how the Decimal color 803953 looks on a white background.

Color Contrast Check

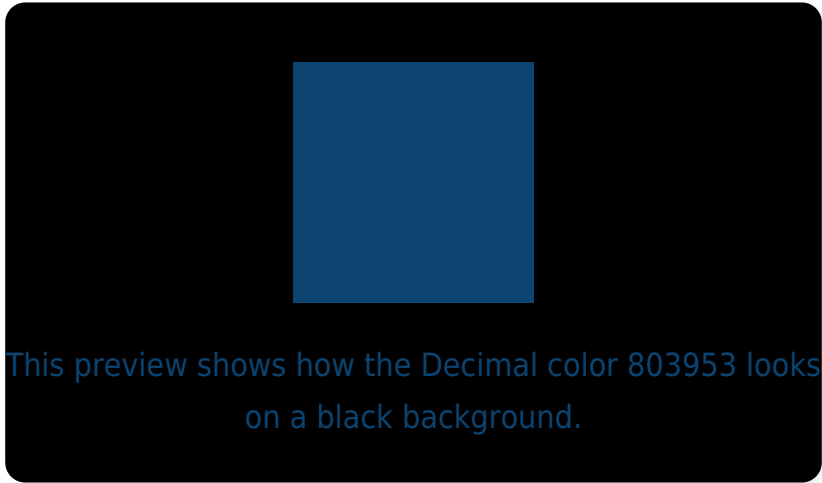
Large Text (above 18pt) WCAG AA ✓ Pass

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

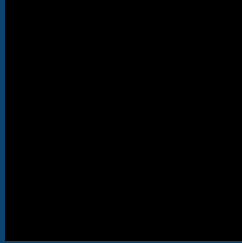
Any Text WCAG AA × Fail

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 803953 Background



This preview shows how black text looks on a background with the Decimal color 803953.



This preview shows how white text looks on a background with the Decimal color 803953.

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
803953

Protanomaly
2244975

Deuteranomaly
1524593

Tritanomaly
280411

Monochromacy



Original Color
803953

Achromatopsia
3684408

Achromatomaly
2636877

CSS Examples

Text

The CSS property to change the color of the text to Decimal 803953 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 #0C4471 looks like.

```
.text, #text, p{  
  color:#0C4471  
}
```

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 #0C4471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4471
}
```

Border

The CSS property to change the border of an element to Decimal 803953 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
#0C4471 }
```

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

```
.border{ border-color:#0C4471 }
```

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

Here you see how a box with a 4 pixel #0C4471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4471; -webkit-box-shadow:4px 4px  
4px 4px #0C4471; box-shadow:4px 4px 4px  
4px #0C4471 }
```

Background

The CSS property to change the background color of an element to Decimal 803953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4471 }
```

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

```
.background{ background-color:#0C4471 }
```

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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