

Converting Colors

Decimal(800655)

Have a look what the booklet for
Decimal(800655) contains.

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Color

Decimal(800655)

Conversions

Conversions Part 1

Format	Color
Hex	0C378F
RGB	12, 55, 143
RGB Percent	5%, 22%, 56%
CMY	0.9529, 0.7843, 0.4392
CMYK	0.92, 0.62, 0.00, 0.44
HSL	220°, 85%, 30%
HSV	220°, 92%, 56%
XYZ	6.4757, 4.7937, 26.5706
YIQ	52.1750, -53.8760, 18.2520

Conversions

Conversions Part 2

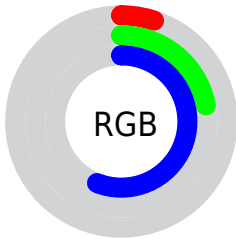
Format	Color
R_{YB}	12, 44, 143
Decimal	800655
CIE _{Lab}	26.14, 22.58, -52.33
CIE _{LCh}	26, 56.993, 293.343
Yxy	4.7937, 0.1711, 0.1267
Android (android.graphics.Color)	4278990735 (0xFF0C378F)
YUV	52.1750, 44.7767, -35.2335
Hunter-Lab	21.8945, 14.4794, -56.6264

Details

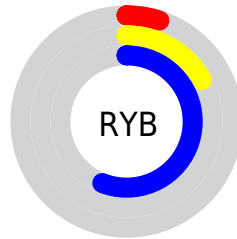
The Decimal color **800655** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9397260**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5662150**, and **3932** is the 20% darker color. If you saturate the color by 10%, you get **12175**, and if you desaturate by 10%, it is **1720719**.

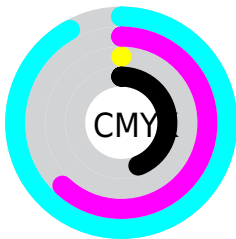
Distribution



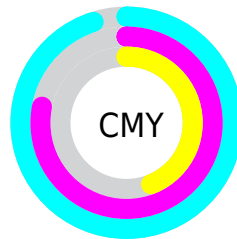
- Red (5%)
- Green (22%)
- Blue (56%)



- Red (5%)
- Yellow (17%)
- Blue (56%)



- Cyan (92%)
- Magenta (62%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 800655 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 800655 by changing the saturation by 10% instead.



800655



800655

16777215



8821



5662150



3932



7569122



835



9410815



812



11318271



278



13225727



0



15198975



800655



800655



12175



1720719

■ 2706063

■ 3626127

■ 4545935

■ 5531535

■ 6451599

■ 7371407

■ 8291471

■ 9276815

Harmonies

Analogous

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



18326



800655



6691443

Triad

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



800655



7610880



20018

Complementary

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



800655



9397260

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.



19456



800655



5585152

Square

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



800655



8716319



2901248



20319

Rectangle

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



800655



8192088



2901248



20003

Sweetspot

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



800655



8951994



823139



4213342



14606046



6184542

Same Dimension

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



800655



15802



2231439



4211527



11399



776

Inverse Universe

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



9374775



12189757



7966476



4669507



8847404



524291

Previews

White Background



This preview shows how the Decimal color 800655 looks on a white background.

Color Contrast Check

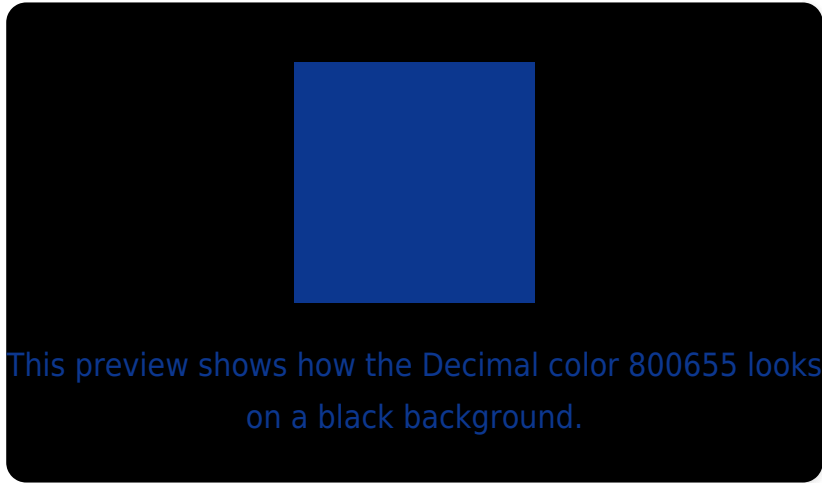
Large Text (above 18pt) WCAG AA ✓ Pass

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

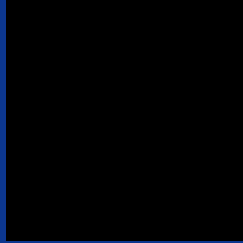
Any Text WCAG AA × Fail

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 800655 Background



This preview shows how black text looks on a background with the Decimal color 800655.




This preview shows how white text looks on a background with the Decimal color 800655.

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





Tritanopia
17737

Trichromacy



Original Color
800655

Protanomaly
277125

Deuteranomaly
277881

Tritanomaly
278626

Monochromacy



Original Color
800655

Achromatopsia
3421236

Achromatomaly
2438485

CSS Examples

Text

The CSS property to change the color of the text to Decimal 800655 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 #0C378F looks like.

```
.text, #text, p{  
    color:#0C378F  
}
```

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 #0C378F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C378F
}
```

Border

The CSS property to change the border of an element to Decimal 800655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

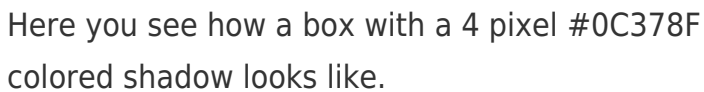
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C378F }
```

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

```
.border{ border-color:#0C378F }
```

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



Here you see how a box with a 4 pixel #0C378F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C378F; -webkit-box-shadow:4px 4px  
4px 4px #0C378F; box-shadow:4px 4px 4px  
4px #0C378F }
```

Background

The CSS property to change the background color of an element to Decimal 800655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C378F }
```

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

```
.background{ background-color:#0C378F }
```

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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