

Converting Colors

Decimal(804477)

Have a look what the booklet for
Decimal(804477) contains.

Decimal(804477)	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(804477)

Conversions

Conversions Part 1

Format	Color
Hex	0C467D
RGB	12, 70, 125
RGB Percent	5%, 27%, 49%
CMY	0.9529, 0.7255, 0.5098
CMYK	0.90, 0.44, 0.00, 0.51
HSL	209°, 82%, 27%
HSV	209°, 90%, 49%
XYZ	6.0434, 5.9391, 20.2299
YIQ	58.9280, -52.2230, 4.8090

Conversions

Conversions Part 2

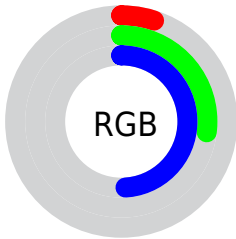
Format	Color
R_{YB}	12, 50, 125
Decimal	804477
CIE _{Lab}	29.26, 4.49, -36.09
CIE _{LCh}	29, 36.369, 277.085
Yxy	5.9391, 0.1876, 0.1844
Android (android.graphics.Color)	4278994557 (0xFF0C467D)
YUV	58.9280, 32.5735, -41.1559
Hunter-Lab	24.3704, 1.6169, -32.1575

Details

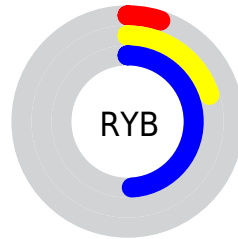
The Decimal color **804477** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8209164**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **5207730**, and **7243** is the 20% darker color. If you saturate the color by 10%, you get **16509**, and if you desaturate by 10%, it is **1592445**.

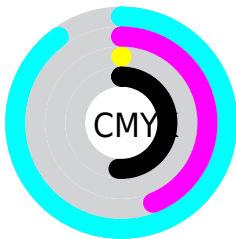
Distribution



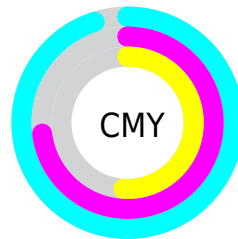
- Red (5%)
- Green (27%)
- Blue (49%)



- Red (5%)
- Yellow (20%)
- Blue (49%)



- Cyan (90%)
- Magenta (44%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 804477 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 804477 by changing the saturation by 10% instead.



804477



804477

16777215



12388



5207730



7243



7049166



1077



8891114



542



10733055



1



12575231



0



14482943



16449535



804477



804477

■ 16509

■ 1592445

■ 2445949

■ 3233917

■ 4087421

■ 4875389

■ 5729149

■ 6517117

■ 7370621

■ 8224125

Harmonies

Analogous

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



20089



804477



5192562

Triad

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



804477



7614500



20782

Complementary

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



804477



8209164

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.



3099924



804477



6568718

Square

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



804477



7809343



5064197



21067

Rectangle

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



804477



6566500



5064197



1069093

Sweetspot

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



804477



7835299



818499



3622226



13750737



5395026

Same Dimension

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



804477



21667



790141



3751232



16768



0

Inverse Universe

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



8195142



10682452



8223500



4208957



8388673



0

Previews

White Background



This preview shows how the Decimal color 804477 looks on a white background.

Color Contrast Check

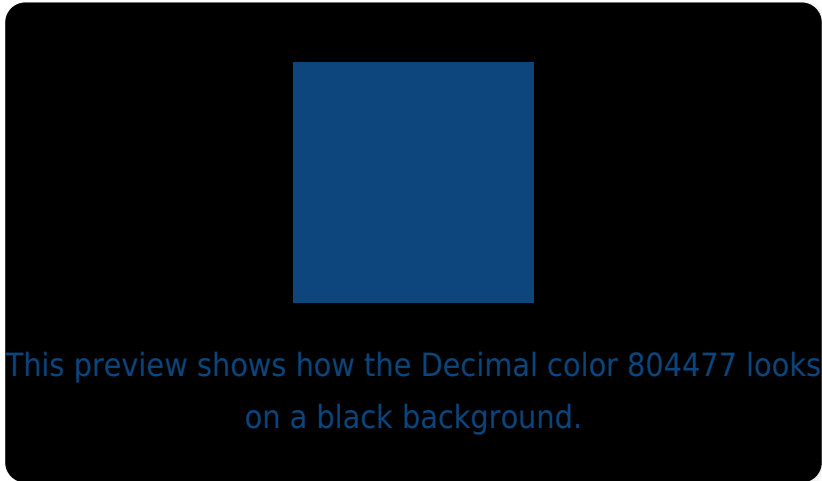
Large Text (above 18pt) WCAG AA ✓ Pass

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

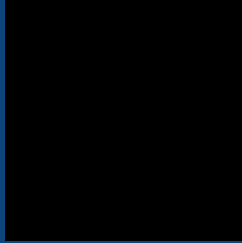
Any Text WCAG AA × Fail

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 804477 Background



This preview shows how black text looks on a background with the Decimal color 804477.



This preview shows how white text looks on a background with the Decimal color 804477.

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
804477

Protanomaly
2114683

Deuteranomaly
280189

Tritanomaly
281186

Monochromacy



Original Color
804477

Achromatopsia
3881787

Achromatomaly
2768723

CSS Examples

Text

The CSS property to change the color of the text to Decimal 804477 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 #0C467D looks like.

```
.text, #text, p{  
  color:#0C467D  
}
```

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 #0C467D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C467D
}
```

Border

The CSS property to change the border of an element to Decimal 804477 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
#0C467D }
```

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

```
.border{ border-color:#0C467D }
```

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

Here you see how a box with a 4 pixel #0C467D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C467D; -webkit-box-shadow:4px 4px  
4px 4px #0C467D; box-shadow:4px 4px 4px  
4px #0C467D }
```

Background

The CSS property to change the background color of an element to Decimal 804477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C467D }
```

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

```
.background{ background-color:#0C467D }
```

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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