

Converting Colors

Decimal(1002633)

Have a look what the booklet for
Decimal(1002633) contains.

Decimal(1002633)	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(1002633)

Conversions

Conversions Part 1

Format	Color
Hex	0F4C89
RGB	15, 76, 137
RGB Percent	6%, 30%, 54%
CMY	0.9412, 0.7020, 0.4627
CMYK	0.89, 0.45, 0.00, 0.46
HSL	210°, 80%, 30%
HSV	210°, 89%, 54%
XYZ	7.2968, 7.0766, 24.6482
YIQ	64.7150, -55.9370, 6.0390

Conversions

Conversions Part 2

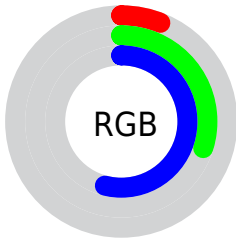
Format	Color
R_{YB}	15, 56, 137
Decimal	1002633
CIE _{Lab}	31.98, 5.69, -39.17
CIE _{LCh}	32, 39.577, 278.268
Yxy	7.0766, 0.1870, 0.1814
Android (android.graphics.Color)	4279192713 (0xFF0F4C89)
YUV	64.7150, 35.6365, -43.6001
Hunter-Lab	26.6018, 2.4087, -36.3145

Details

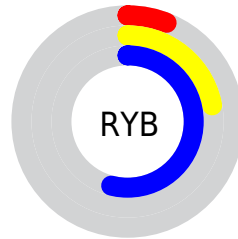
The Decimal color **1002633** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8997903**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **5536959**, and **8534** is the 20% darker color. If you saturate the color by 10%, you get **83337**, and if you desaturate by 10%, it is **1921929**.

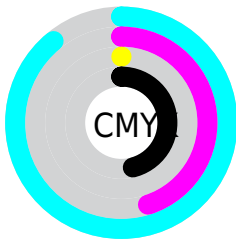
Distribution



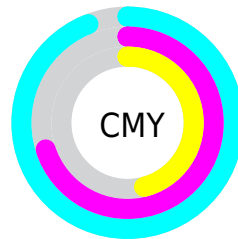
- Red (6%)
- Green (30%)
- Blue (54%)



- Red (6%)
- Yellow (22%)
- Blue (54%)



- Cyan (89%)
- Magenta (45%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1002633 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 1002633 by changing the saturation by 10% instead.

■ 1002633

■ 1002633

16777215

■ 13935

■ 5536959

■ 8534

■ 7378651

■ 2367

■ 9220600

■ 808

■ 11128063

■ 274

■ 12970239

■ 0

■ 14942207

■ 1002633

■ 1002633

■ 83337

■ 1921929

■ 17801

■ 2775689

■ 3694985

■ 4614025

■ 5533321

■ 6387081

■ 7306377

■ 8225673

■ 9079433

Harmonies

Analogous

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



21893



1002633



5717884

Triad

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



1002633



8270886



22579

Complementary

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



1002633



8997903

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.



3232790



1002633



7160077

Square

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



1002633



8596548



5459203



23123

Rectangle

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



1002633



7288428



5459203



677673

Sweetspot

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



1002633



8559283



1018188



4016985



14277081



5855577

Same Dimension

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



1002633



22963



987017



4079941



17029



773

Inverse Universe

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



8982348



11731033



9013519



4537921



8716354



327683

Previews

White Background



This preview shows how the Decimal color 1002633 looks on a white background.

Color Contrast Check

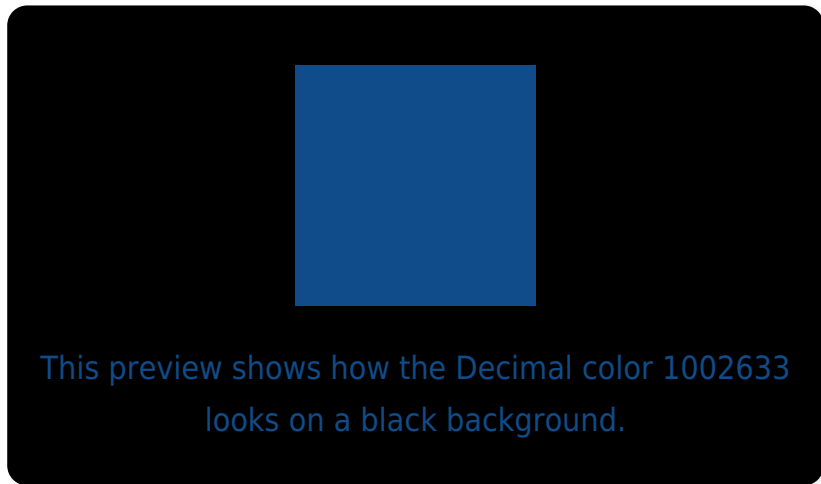
Large Text (above 18pt) WCAG AA ✓ Pass

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 1002633 Background



This preview shows how black text looks on a background with the Decimal color 1002633.



This preview shows how white text looks on a background with the Decimal color 1002633.

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
1002633

Protanomaly
2312839

Deuteranomaly
347528

Tritanomaly
348522

Monochromacy



Original Color
1002633

Achromatopsia
4276545

Achromatomaly
3097947

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1002633 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 #0F4C89 looks like.

```
.text, #text, p{  
  color:#0F4C89  
}
```

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 #0F4C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4C89
}
```

Border

The CSS property to change the border of an element to Decimal 1002633 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
#0F4C89 }
```

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

```
.border{ border-color:#0F4C89 }
```

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

Here you see how a box with a 4 pixel #0F4C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4C89; -webkit-box-shadow:4px 4px  
4px 4px #0F4C89; box-shadow:4px 4px 4px  
4px #0F4C89 }
```

Background

The CSS property to change the background color of an element to Decimal 1002633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4C89 }
```

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

```
.background{ background-color:#0F4C89 }
```

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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