

Converting Colors

Decimal(1002647)

Have a look what the booklet for
Decimal(1002647) contains.

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Color

Decimal(1002647)

Conversions

Conversions Part 1

Format	Color
Hex	0F4C97
RGB	15, 76, 151
RGB Percent	6%, 30%, 59%
CMY	0.9412, 0.7020, 0.4078
CMYK	0.90, 0.50, 0.00, 0.41
HSL	213°, 82%, 33%
HSV	213°, 90%, 59%
XYZ	8.3674, 7.5048, 30.2857
YIQ	66.3110, -60.4310, 10.3930

Conversions

Conversions Part 2

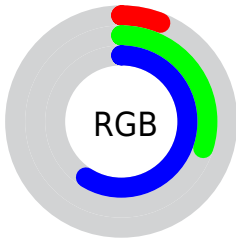
Format	Color
RYB	15, 57, 151
Decimal	1002647
CIELab	32.93, 11.52, -46.19
CIELCh	33, 47.608, 284.007
Yxy	7.5048, 0.1813, 0.1626
Android (android.graphics.Color)	4279192727 (0xFF0F4C97)
YUV	66.3110, 41.7517, -44.9997
Hunter-Lab	27.3949, 6.5790, -46.3701

Details

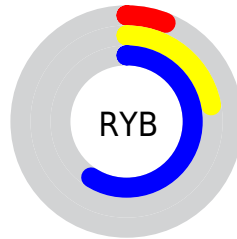
The Decimal color **1002647** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **9918991**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **5799118**, and **8547** is the 20% darker color. If you saturate the color by 10%, you get **17559**, and if you desaturate by 10%, it is **1987735**.

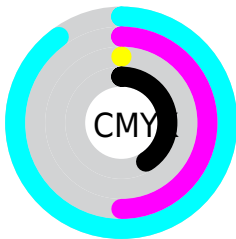
Distribution



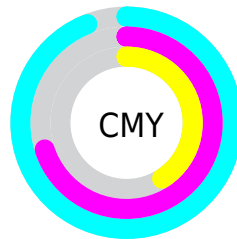
- Red (6%)
- Green (30%)
- Blue (59%)



- Red (6%)
- Yellow (22%)
- Blue (59%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1002647 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 1002647 by changing the saturation by 10% instead.

■ 1002647

■ 1002647

16777215

■ 13949

■ 5799118

■ 8547

■ 7706346

■ 2635

■ 9548031

■ 1075

■ 11455743

■ 541

■ 13428991

■ 0

■ 15335423

■ 1002647

■ 1002647

■ 17559

■ 1987735

■ 2973079

■ 3958167

■ 4943255

■ 5994135

■ 6979223

■ 7964311

■ 8949655

■ 9934743

Harmonies

Analogous

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



22422



1002647



6634372

Triad

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



1002647



8794906



23863

Complementary

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



1002647



9918991

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.



2119952



1002647



7291904

Square

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



1002647



9446462



5132544



24159

Rectangle

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



1002647



8269423



5132544



23594

Sweetspot

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



1002647



9414596



1021786



4477539



14935011



6513507

Same Dimension

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



1002647



22724



1445783



4540493



16268



1549

Inverse Universe

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



9899852



12845144



9475855



5064008



9175103



851974

Previews

White Background



This preview shows how the Decimal color 1002647 looks on a white background.

Color Contrast Check

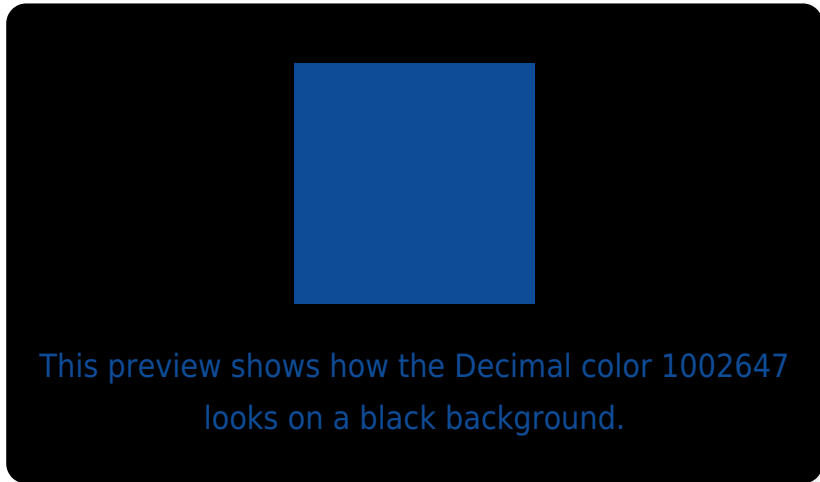
Large Text (above 18pt) WCAG AA ✓ Pass

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

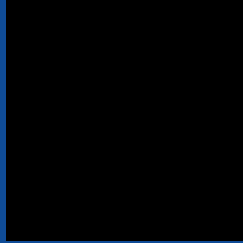
Any Text WCAG AA × Fail

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 1002647 Background



This preview shows how black text looks on a background with the Decimal color 1002647.

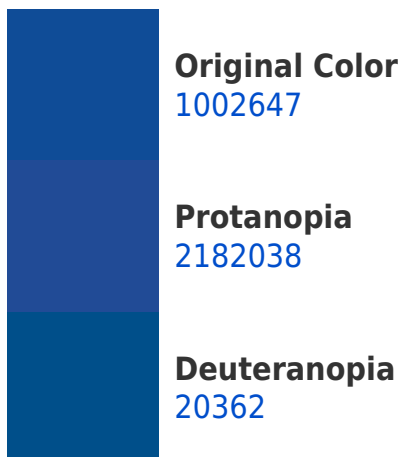


This preview shows how white text looks on a background with the Decimal color 1002647.

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
1002647

Protanomaly
1723286

Deuteranomaly
347791

Tritanomaly
348785

Monochromacy



Original Color
1002647

Achromatopsia
4342338

Achromatomaly
3098209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1002647 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 #0F4C97 looks like.

```
.text, #text, p{  
    color:#0F4C97  
}
```

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 #0F4C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4C97
}
```

Border

The CSS property to change the border of an element to Decimal 1002647 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
#0F4C97 }
```

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

```
.border{ border-color:#0F4C97 }
```

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

Here you see how a box with a 4 pixel #0F4C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4C97; -webkit-box-shadow:4px 4px  
4px 4px #0F4C97; box-shadow:4px 4px 4px  
4px #0F4C97 }
```

Background

The CSS property to change the background color of an element to Decimal 1002647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4C97 }
```

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

```
.background{ background-color:#0F4C97 }
```

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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