

Converting Colors

Decimal(2063002)

Have a look what the booklet for
Decimal(2063002) contains.

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Color

Decimal(2063002)

Conversions

Conversions Part 1

Format	Color
Hex	1F7A9A
RGB	31, 122, 154
RGB Percent	12%, 48%, 60%
CMY	0.8784, 0.5216, 0.3961
CMYK	0.80, 0.21, 0.00, 0.40
HSL	196°, 66%, 36%
HSV	196°, 80%, 60%
XYZ	13.3573, 16.5435, 33.0611
YIQ	98.4390, -64.5080, -9.3400

Conversions

Conversions Part 2

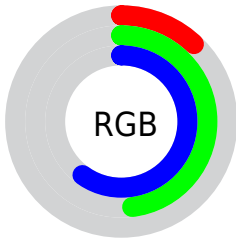
Format	Color
RYB	31, 83, 154
Decimal	2063002
CIELab	47.68, -14.53, -24.63
CIELCh	48, 28.598, 239.472
Yxy	16.5435, 0.2121, 0.2628
Android (android.graphics.Color)	4280253082 (0xFF1F7A9A)
YUV	98.4390, 27.3916, -59.1440
Hunter-Lab	40.6737, -12.5590, -19.7215

Details

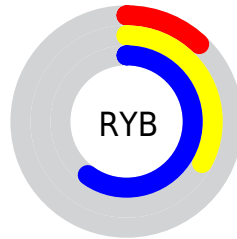
The Decimal color **2063002** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10108703**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **6336209**, and **18791** is the 20% darker color. If you saturate the color by 10%, you get **1078938**, and if you desaturate by 10%, it is **3047066**.

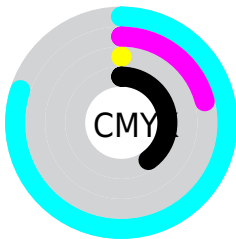
Distribution



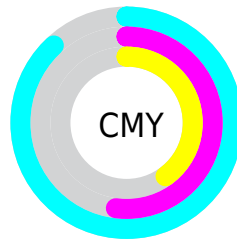
- Red (12%)
- Green (48%)
- Blue (60%)



- Red (12%)
- Yellow (33%)
- Blue (60%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)























- Cyan (88%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2063002 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 2063002 by changing the saturation by 10% instead.

 2063002	 2063002
 16777215	 24960
 6336209	 18791
 8243949	 13135
 10151679	 7735
 12058623	 546
 13959167	 8
 15925247	 0
 2063002	 2063002
 1078938	 3047066

■ 29338

■ 4096666

■ 5080730

■ 6130330

■ 7114394

■ 8098458

■ 9148058

■ 10132122

■ 11181722

Harmonies

Analogous

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



32136



2063002



5076129

Triad

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



2063002



10378866



6846278

Complementary

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



2063002



10108703

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.



8482880



2063002



10444891

Square

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



2063002



9397130



9791304



5012568

Rectangle

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



2063002



6778526



9791304



7435587

Sweetspot

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



2063002



10075593



2071102



4742758



15132390



6710886

Same Dimension

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



2063002



563145



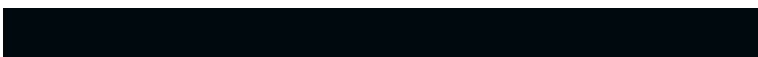
2047642



4541261



26764



2317

Inverse Universe

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



10100602



13174935



10124063



5064011



9175144



851977

Previews

White Background



This preview shows how the Decimal color 2063002 looks on a white background.

Color Contrast Check

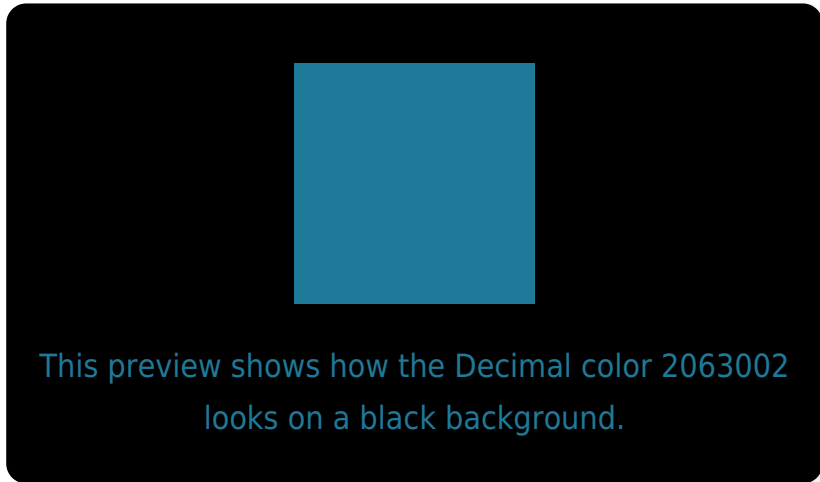
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

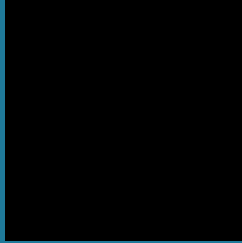
Any Text WCAG AA × Fail

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 2063002 Background



This preview shows how black text looks on a background with the Decimal color 2063002.

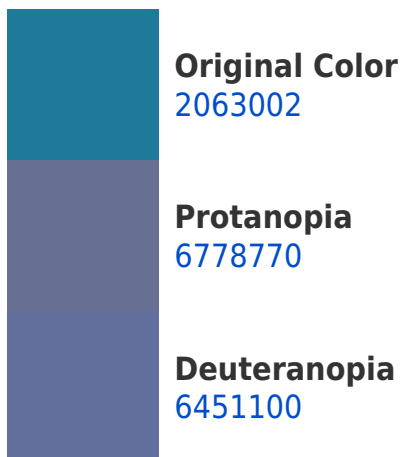


This preview shows how white text looks on a background with the Decimal color 2063002.

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
2063002

Protanomaly
5075861

Deuteranomaly
4879259

Tritanomaly
752782

Monochromacy



Original Color
2063002

Achromatopsia
6447714

Achromatomaly
4877174

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2063002 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 #1F7A9A looks like.

```
.text, #text, p{  
    color:#1F7A9A  
}
```

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 #1F7A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7A9A
}
```

Border

The CSS property to change the border of an element to Decimal 2063002 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
#1F7A9A }
```

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

```
.border{ border-color:#1F7A9A }
```

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

Here you see how a box with a 4 pixel #1F7A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7A9A; -webkit-box-shadow:4px 4px  
4px 4px #1F7A9A; box-shadow:4px 4px 4px  
4px #1F7A9A }
```

Background

The CSS property to change the background color of an element to Decimal 2063002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7A9A }
```

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

```
.background{ background-color:#1F7A9A }
```

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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