

Converting Colors

Hex(2057A2)

Have a look what the booklet for
Hex(2057A2) contains.

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Color

Hex(2057A2)

Conversions

Conversions Part 1

Format	Color
Hex	2057A2
RGB	32, 87, 162
RGB Percent	13%, 34%, 64%
CMY	0.8745, 0.6588, 0.3647
CMYK	0.80, 0.46, 0.00, 0.36
HSL	215°, 67%, 38%
HSV	215°, 80%, 64%
XYZ	10.5254, 9.7321, 35.5062
YIQ	79.1050, -56.8550, 11.6650

Conversions

Conversions Part 2

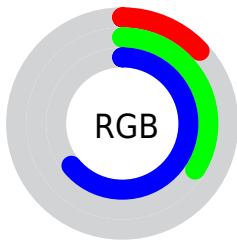
Format	Color
R_{YB}	32, 71, 162
Decimal	2119586
CIE _{Lab}	37.36, 10.12, -45.67
CIE _{LCh}	37, 46.773, 282.493
Yxy	9.7321, 0.1888, 0.1745
Android (android.graphics.Color)	4280309666 (0xFF2057A2)
YUV	79.1050, 40.8672, -41.3111
Hunter-Lab	31.1963, 5.6313, -45.6436

Details

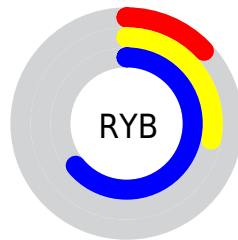
The Hex color **2057A2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A26B20**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6288D9**, and **002B6E** is the 20% darker color. If you saturate the color by 10%, you get **104EA2**, and if you desaturate by 10%, it is **3060A2**.

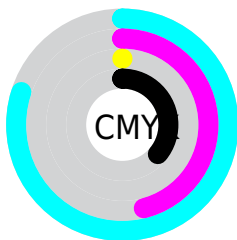
Distribution



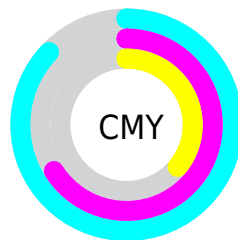
- Red (13%)
- Green (34%)
- Blue (64%)



- Red (13%)
- Yellow (28%)
- Blue (64%)



- Cyan (80%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2057A2 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 Hex color 2057A2 by changing the saturation by 10% instead.

■ 2057A2

■ 2057A2

FFFFFF

■ 004087

■ 6288D9

■ 002B6E

■ 7FA2F6

■ 001755

■ 9BBDFE

■ 00063D

■ B8D9FF

■ 000326

■ D6F5FF

■ 00010F

■ F4FFFF

■ 000000

■ 2057A2

■ 2057A2

■ 104EA2

■ 3060A2

0045A2

406AA2

5173A2

617CA2

7186A2

818FA2

9198A2

A2A2A2

B2ABA2

Harmonies

Analogous

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



0062A0



2057A2



6D4690

Triad

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



2057A2



933E26



006840

Complementary

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



2057A2



A26B20

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.



30631B



2057A2



7C4E05

Square

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



2057A2



9B324A



5B5B00



006967

Rectangle

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



2057A2



873B7B



5B5B00



006733

Sweetspot

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



2057A2



A1B6D4



20A26A



4C596B



EBEBEB



6B6B6B

Same Dimension

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



2057A2



085ED4



2920A2



494D52



003D91



000812

Inverse Universe

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



A22057



D4085E



99A220



52494D



91003D



120008

Previews

White Background



This preview shows how the Hex color 2057A2 looks on a white background.

Color Contrast Check

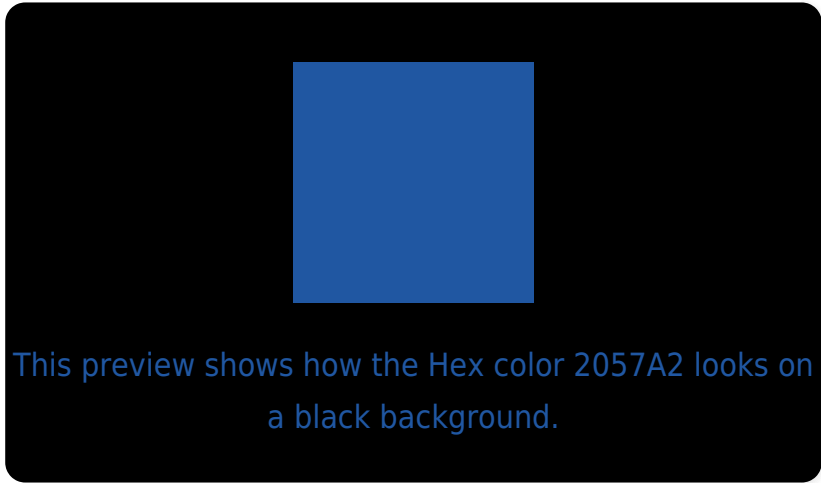
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 2057A2 Background



This preview shows how black text looks on a background with the Hex color 2057A2.

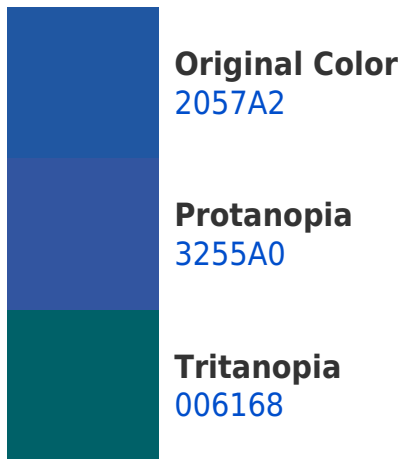


This preview shows how white text looks on a background with the Hex color 2057A2.

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
2057A2

Protanomaly
2B56A1

Tritanomaly
0C5D7D

Monochromacy



Original Color
2057A2

Achromatopsia
4F4F4F

Achromatomaly
3E526D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2057A2 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 #2057A2 looks like.

```
.text, #text, p{  
    color:#2057A2  
}
```

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 #2057A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2057A2
}
```

Border

The CSS property to change the border of an element to Hex 2057A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

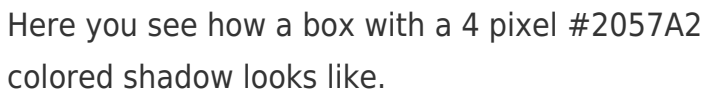
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2057A2 }
```

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

```
.border{ border-color:#2057A2 }
```

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



Here you see how a box with a 4 pixel #2057A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2057A2; -webkit-box-shadow:4px 4px  
4px 4px #2057A2; box-shadow:4px 4px 4px  
4px #2057A2 }
```

Background

The CSS property to change the background color of an element to Hex 2057A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2057A2 }
```

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

```
.background{ background-color:#2057A2 }
```

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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