

Converting Colors

Hex(2078A5)

Have a look what the booklet for
Hex(2078A5) contains.

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Color

Hex(2078A5)

Conversions

Conversions Part 1

Format	Color
Hex	2078A5
RGB	32, 120, 165
RGB Percent	13%, 47%, 65%
CMY	0.8745, 0.5294, 0.3529
CMYK	0.81, 0.27, 0.00, 0.35
HSL	200°, 68%, 39%
HSV	200°, 81%, 65%
XYZ	14.1037, 16.4566, 38.0304
YIQ	98.8180, -66.8930, -4.6610

Conversions

Conversions Part 2

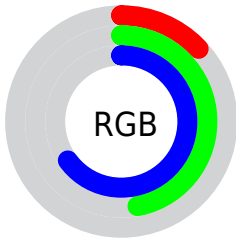
Format	Color
R_{YB}	32, 85, 165
Decimal	2128037
CIE _{Lab}	47.57, -9.29, -31.25
CIE _{LCh}	48, 32.601, 253.441
Yxy	16.4566, 0.2056, 0.2399
Android (android.graphics.Color)	4280318117 (0xFF2078A5)
YUV	98.8180, 32.6277, -58.5994
Hunter-Lab	40.5668, -8.9336, -27.1863

Details

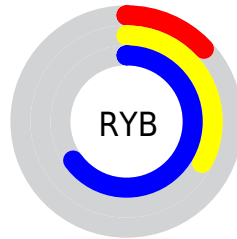
The Hex color **2078A5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A54D20**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63ACDC**, and **004871** is the 20% darker color. If you saturate the color by 10%, you get **0F72A5**, and if you desaturate by 10%, it is **317EA5**.

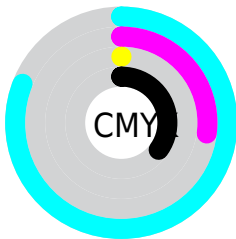
Distribution



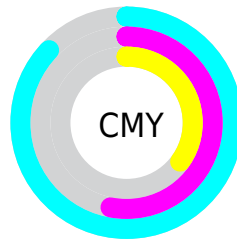
- Red (13%)
- Green (47%)
- Blue (65%)



- Red (13%)
- Yellow (33%)
- Blue (65%)



- Cyan (81%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2078A5 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 2078A5 by changing the saturation by 10% instead.

■ 2078A5

■ 2078A5

FFFFFF

■ 005F8B

■ 63ACDC

■ 004871

■ 80C7F9

■ 003158

■ 9DE3FF

■ 001D40

■ BAF0FF

■ 00032A

■ D8F0FF

■ 000115

■ F6F0FF

■ 000000

■ 2078A5

■ 2078A5

■ 0F72A5

■ 317EA5

006DA5

4183A5

5189A5

628EA5

7294A5

8399A5

939FA5

A4A5A5

B4AAA5

Harmonies

Analogous

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



007D96



2078A5



5B6FA6

Triad

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



2078A5



A65B65



577A48

Complementary

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



2078A5



A54D20

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.



76733A



2078A5



A0604C

Square

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



2078A5



9C5D81



8F6A3C



317E60

Rectangle

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



2078A5



78689F



8F6A3C



627842

Sweetspot

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



2078A5



A3C5D6



20A54C



4C616B



EBEBEB



6B6B6B

Same Dimension

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



2078A5



0690D6



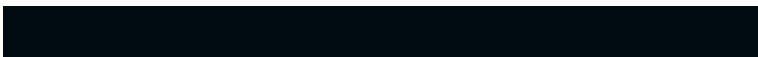
2036A5



494F52



006091



000C12

Inverse Universe

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



A52078



D60690



A58F20



52494F



910060



12000C

Previews

White Background



This preview shows how the Hex color 2078A5 looks on a white background.

Color Contrast Check

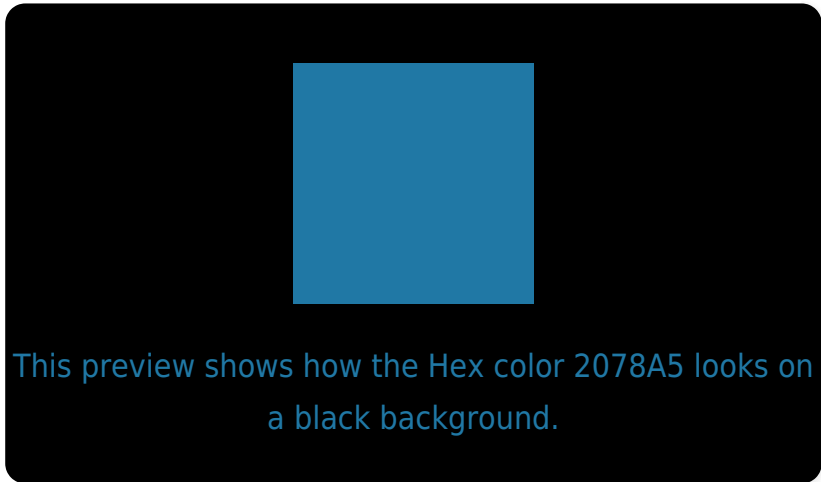
Large Text (above 18pt) WCAG AA ✓ Pass

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

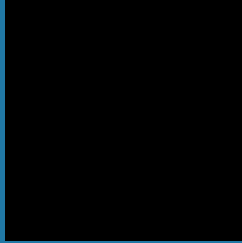
Any Text WCAG AA × Fail

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](#).

Hex 2078A5 Background



This preview shows how black text looks on a background with the Hex color 2078A5.

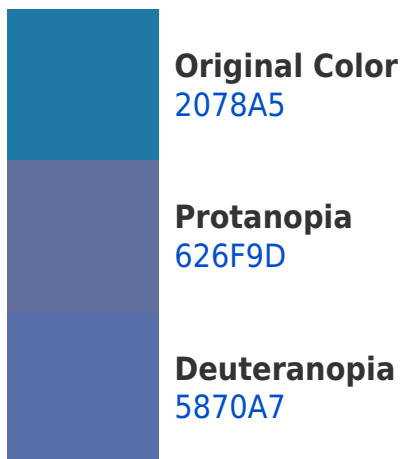


This preview shows how white text looks on a background with the Hex color 2078A5.

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](#).

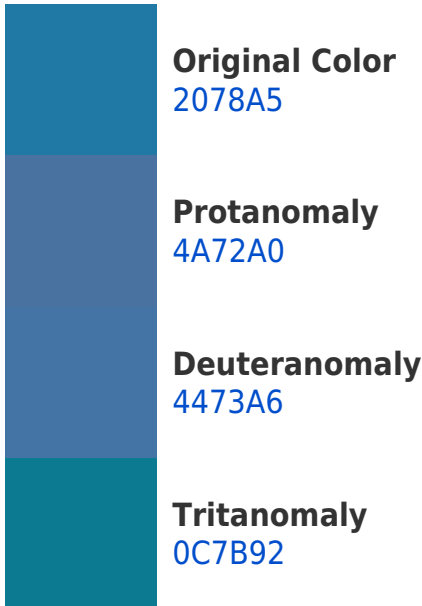
Dichromacy



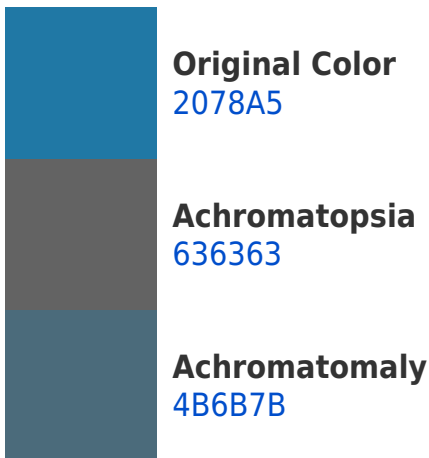


Tritanopia
007D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2078A5 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 #2078A5 looks like.

```
.text, #text, p{  
    color:#2078A5  
}
```

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 #2078A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2078A5
}
```

Border

The CSS property to change the border of an element to Hex 2078A5 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
#2078A5 }
```

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

```
.border{ border-color:#2078A5 }
```

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

Here you see how a box with a 4 pixel #2078A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2078A5; -webkit-box-shadow:4px 4px  
4px 4px #2078A5; box-shadow:4px 4px 4px  
4px #2078A5 }
```

Background

The CSS property to change the background color of an element to Hex 2078A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2078A5 }
```

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

```
.background{ background-color:#2078A5 }
```

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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