

Converting Colors

Hex(2668AC)

Have a look what the booklet for
Hex(2668AC) contains.

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Color

Hex(2668AC)

Conversions

Conversions Part 1

Format	Color
Hex	2668AC
RGB	38, 104, 172
RGB Percent	15%, 41%, 67%
CMY	0.8510, 0.5922, 0.3255
CMYK	0.78, 0.40, 0.00, 0.33
HSL	210°, 64%, 41%
HSV	210°, 78%, 67%
XYZ	13.1960, 13.2913, 40.8997
YIQ	92.0180, -61.1640, 7.1560

Conversions

Conversions Part 2

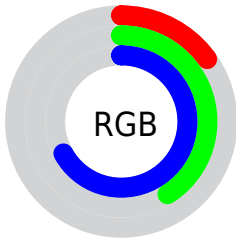
Format	Color
R_{YB}	38, 82, 172
Decimal	2517164
CIE _{Lab}	43.20, 3.74, -42.24
CIE _{LCh}	43, 42.404, 275.055
Yxy	13.2913, 0.1958, 0.1972
Android (android.graphics.Color)	4280707244 (0xFF2668AC)
YUV	92.0180, 39.4311, -47.3738
Hunter-Lab	36.4572, 0.8098, -40.9948

Details

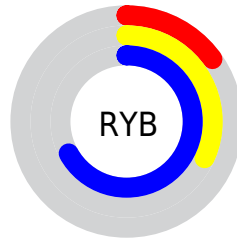
The Hex color **2668AC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC6A26**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **679BE4**, and **003A77** is the 20% darker color. If you saturate the color by 10%, you get **155FAC**, and if you desaturate by 10%, it is **3771AC**.

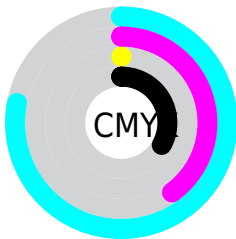
Distribution



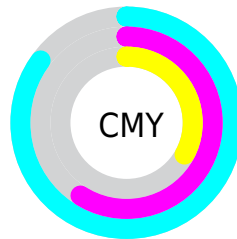
- Red (15%)
- Green (41%)
- Blue (67%)



- Red (15%)
- Yellow (32%)
- Blue (67%)



- Cyan (78%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2668AC 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 2668AC by changing the saturation by 10% instead.

■ 2668AC

■ 2668AC

FFFFFF

■ 005091

■ 679BE4

■ 003A77

■ 84B5FF

■ 00255E

■ A1D1FF

■ 000F46

■ BEEDFF

■ 00042F

■ DCFFFF

■ 000119

■ FAFFFF

■ 000000

■ 2668AC

■ 2668AC

■ 155FAC

■ 3771AC

■ 0457AC

■ 4879AC

■ 0055AC

■ 5A82AC

■ 6B8BAC

■ 7C94AC

■ 8D9CAC

■ 9EA5AC

■ B0AEAC

■ C1B7AC

Harmonies

Analogous

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



0071A5



2668AC



6F5AA0

Triad

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



2668AC



A34C40



127547

Complementary

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



2668AC



AC6A26

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.



4F6F29



2668AC



905925

Square

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



2668AC



A64661



73661A



00776B

Rectangle

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



2668AC



8B508F



73661A



2E743C

Sweetspot

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



2668AC



ADC6E0



26AC69



516070



F0F0F0



707070

Same Dimension

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



2668AC



1076E0



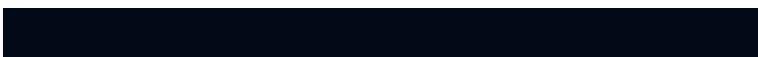
2626AC



4E5257



004A96



000B17

Inverse Universe

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



AC2668



E01076



ACAC26



574E52



96004A



17000B

Previews

White Background



This preview shows how the Hex color 2668AC looks on a white background.

Color Contrast Check

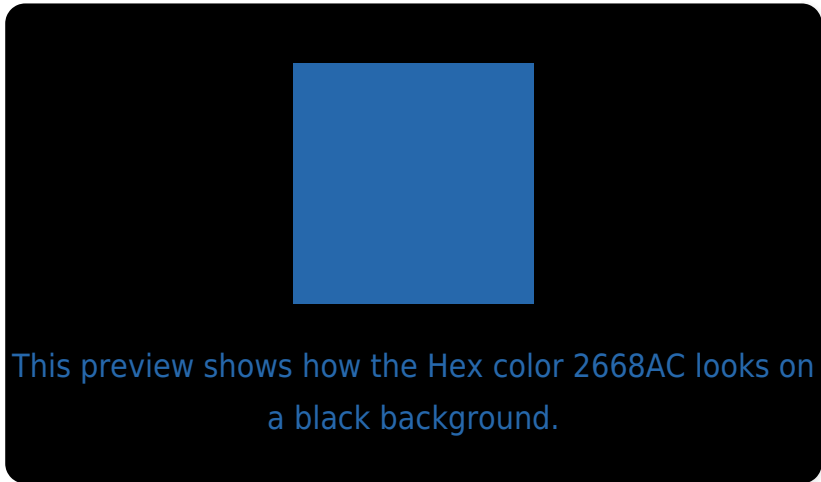
Large Text (above 18pt) WCAG AA ✓ Pass

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 2668AC Background



This preview shows how black text looks on a background with the Hex color 2668AC.

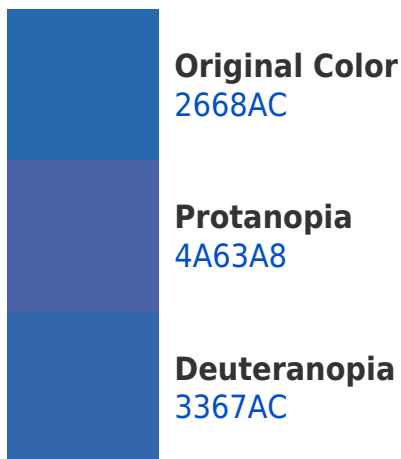


This preview shows how white text looks on a background with the Hex color 2668AC.

Color Blindness Simulation

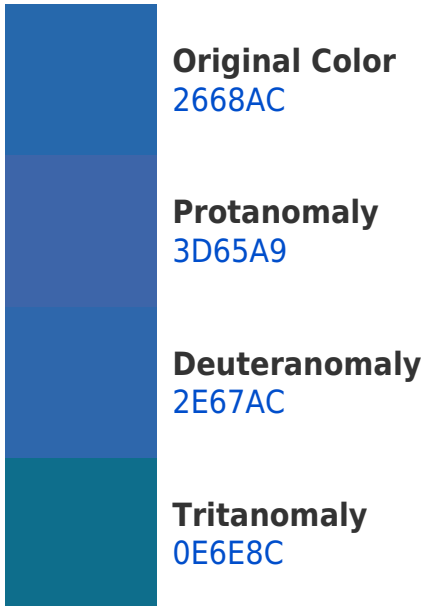
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2668AC 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 #2668AC looks like.

```
.text, #text, p{  
    color:#2668AC  
}
```

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 #2668AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2668AC
}
```

Border

The CSS property to change the border of an element to Hex 2668AC 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
#2668AC }
```

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

```
.border{ border-color:#2668AC }
```

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

Here you see how a box with a 4 pixel #2668AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2668AC; -webkit-box-shadow:4px 4px  
4px 4px #2668AC; box-shadow:4px 4px 4px  
4px #2668AC }
```

Background

The CSS property to change the background color of an element to Hex 2668AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2668AC }
```

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

```
.background{ background-color:#2668AC }
```

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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