

Converting Colors

Hex(2A56C8)

Have a look what the booklet for
Hex(2A56C8) contains.

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Color

Hex(2A56C8)

Conversions

Conversions Part 1

Format	Color
Hex	2A56C8
RGB	42, 86, 200
RGB Percent	16%, 34%, 78%
CMY	0.8353, 0.6627, 0.2157
CMYK	0.79, 0.57, 0.00, 0.22
HSL	223°, 65%, 47%
HSV	223°, 79%, 78%
XYZ	14.7080, 11.3179, 56.0530
YIQ	85.8400, -62.8180, 26.1260

Conversions

Conversions Part 2

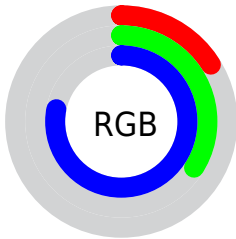
Format	Color
R_{YB}	42, 76, 200
Decimal	2774728
CIE _{Lab}	40.11, 26.58, -63.55
CIE _{LCh}	40, 68.883, 292.697
Yxy	11.3179, 0.1792, 0.1379
Android (android.graphics.Color)	4280964808 (0xFF2A56C8)
YUV	85.8400, 56.2809, -38.4477
Hunter-Lab	33.6422, 19.1643, -75.2367

Details

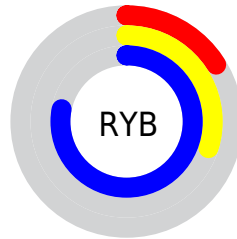
The Hex color **2A56C8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C89C2A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7087FF**, and **002A91** is the 20% darker color. If you saturate the color by 10%, you get **1648C8**, and if you desaturate by 10%, it is **3E64C8**.

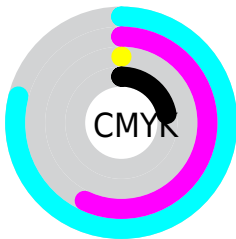
Distribution



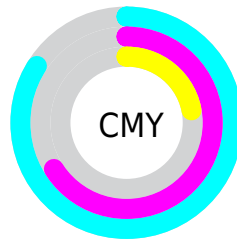
- Red (16%)
- Green (34%)
- Blue (78%)



- Red (16%)
- Yellow (30%)
- Blue (78%)



- Cyan (79%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (66%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A56C8 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 2A56C8 by changing the saturation by 10% instead.

 2A56C8

 2A56C8

FFFFFF

 003FAC

 7087FF

 002A91

 8FA1FF

 001777

 ADBCFF

 00005D

 CBD8FF

 000844

 EAF4FF

 00032D

 000118

 000000

 2A56C8

 2A56C8

■ 1648C8

■ 3E64C8

■ 0239C8

■ 5273C8

■ 0038C8

■ 6681C8

■ 7A90C8

■ 8E9EC8

■ A2ADC8

■ B6BBC8

■ CAC9C8

■ DED8C8

Harmonies

Analogous

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



006AD0



2A56C8



9235A4

Triad

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



2A56C8



A63C00



00754E

Complementary

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



2A56C8



C89C2A

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.



00710C



2A56C8



7F5700

Square

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



2A56C8



BC0E37



4B6800



007689

Rectangle

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



2A56C8



B01481



4B6800



00743A

Sweetspot

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



2A56C8



C2D3FF



2AC89B



5B6580



000000



808080

Same Dimension

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



2A56C8



0D50FF



4C2AC8



5A5C63



002DA3



000A24

Inverse Universe

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



C82A56



FF0D50



A6C82A



635A5C



A3002D



24000A

Previews

White Background



This preview shows how the Hex color 2A56C8 looks on a white background.

Color Contrast Check

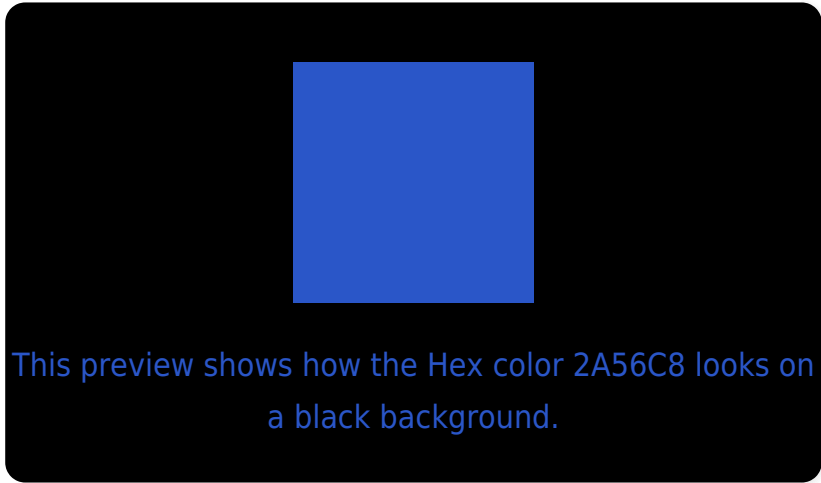
Large Text (above 18pt) WCAG AA ✓ Pass

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

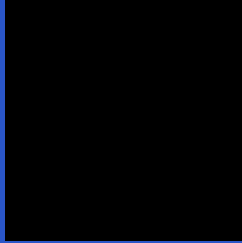
Any Text WCAG AA × Fail

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 2A56C8 Background



This preview shows how black text looks on a background with the Hex color 2A56C8.

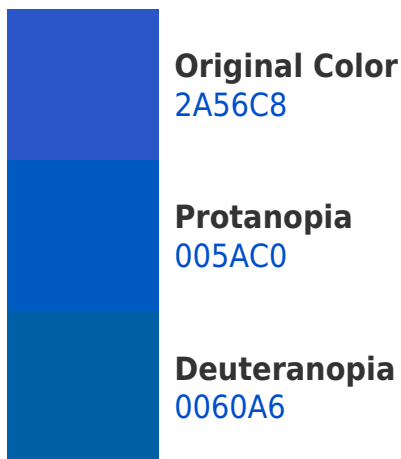


This preview shows how white text looks on a background with the Hex color 2A56C8.

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](#).

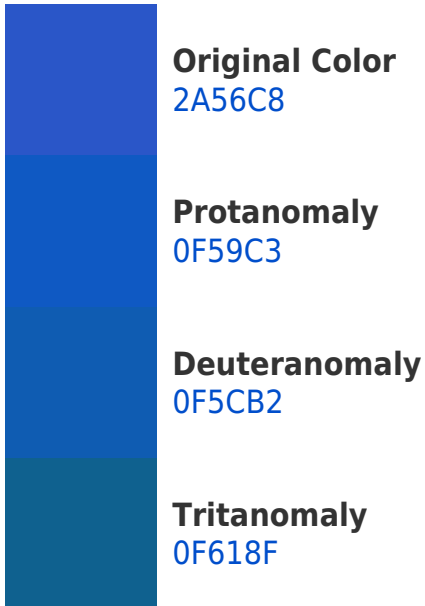
Dichromacy





Tritanopia
00686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A56C8 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 #2A56C8 looks like.

```
.text, #text, p{  
    color:#2A56C8  
}
```

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 #2A56C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A56C8
}
```

Border

The CSS property to change the border of an element to Hex 2A56C8 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
#2A56C8 }
```

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

```
.border{ border-color:#2A56C8 }
```

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

Here you see how a box with a 4 pixel #2A56C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A56C8; -webkit-box-shadow:4px 4px  
4px 4px #2A56C8; box-shadow:4px 4px 4px  
4px #2A56C8 }
```

Background

The CSS property to change the background color of an element to Hex 2A56C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A56C8 }
```

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

```
.background{ background-color:#2A56C8 }
```

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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