

Converting Colors

Hex(2A56C5)

Have a look what the booklet for
Hex(2A56C5) contains.

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Color

Hex(2A56C5)

Conversions

Conversions Part 1

Format	Color
Hex	2A56C5
RGB	42, 86, 197
RGB Percent	16%, 34%, 77%
CMY	0.8353, 0.6627, 0.2275
CMYK	0.79, 0.56, 0.00, 0.23
HSL	223°, 65%, 47%
HSV	223°, 79%, 77%
XYZ	14.3607, 11.1790, 54.2242
YIQ	85.4980, -61.8550, 25.1930

Conversions

Conversions Part 2

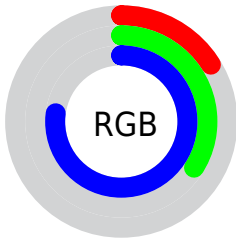
Format	Color
R_{YB}	42, 76, 197
Decimal	2774725
CIE _{Lab}	39.88, 25.44, -62.18
CIE _{LCh}	40, 67.187, 292.253
Yxy	11.1790, 0.1800, 0.1402
Android (android.graphics.Color)	4280964805 (0xFF2A56C5)
YUV	85.4980, 54.9705, -38.1477
Hunter-Lab	33.4351, 18.1561, -72.7506

Details

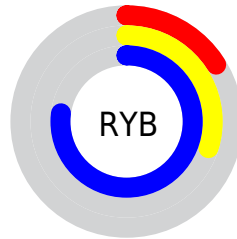
The Hex color **2A56C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C5992A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7087FF**, and **002A8E** is the 20% darker color. If you saturate the color by 10%, you get **1648C5**, and if you desaturate by 10%, it is **3E64C5**.

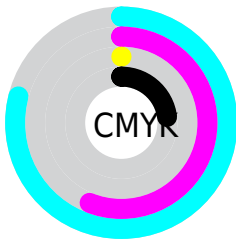
Distribution



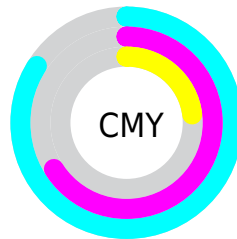
- Red (16%)
- Green (34%)
- Blue (77%)



- Red (16%)
- Yellow (30%)
- Blue (77%)



- Cyan (79%)
- Magenta (56%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (66%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A56C5 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 2A56C5 by changing the saturation by 10% instead.

 2A56C5

 2A56C5

FFFFFF

 003FA9

 7087FF

 002A8E

 8EA1FF

 001774

 ACBCFF

 00005B

 CAD8FF

 000742

 E9F4FF

 00032B

 000115

 000000

 2A56C5

 2A56C5

■ 1648C5

■ 3E64C5

■ 033AC5

■ 5172C5

■ 0038C5

■ 6580C5

■ 798EC5

■ 8D9DC5

■ A0ABC5

■ B4B9C5

■ C8C7C5

■ DBD5C5

Harmonies

Analogous

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



0069CC



2A56C5



9036A2

Triad

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



2A56C5



A53C00



00744D

Complementary

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



2A56C5



C5992A

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.



00700E



2A56C5



7F5700

Square

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



2A56C5



BA1339



4C6700



007586

Rectangle

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



2A56C5



AD1981



4C6700



00733A

Sweetspot

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



2A56C5



C2D3FF



2AC597



5B6580



000000



808080

Same Dimension

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



2A56C5



0F53FF



492AC5



5A5C63



002EA3



000A24

Inverse Universe

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



C52A56



FF0F53



A6C52A



635A5C



A3002E



24000A

Previews

White Background



This preview shows how the Hex color 2A56C5 looks on a white background.

Color Contrast Check

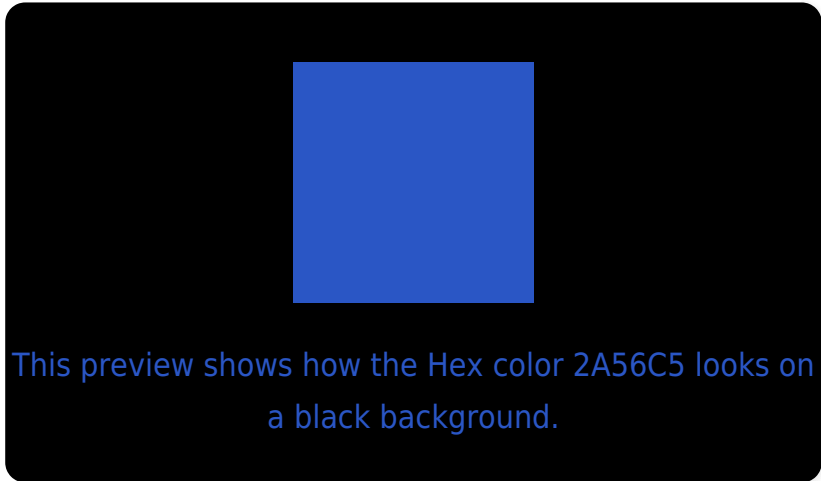
Large Text (above 18pt) WCAG AA ✓ Pass

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

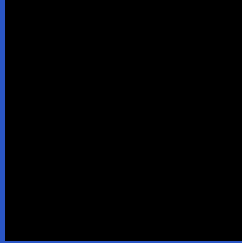
Any Text WCAG AA × Fail

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 2A56C5 Background



This preview shows how black text looks on a background with the Hex color 2A56C5.

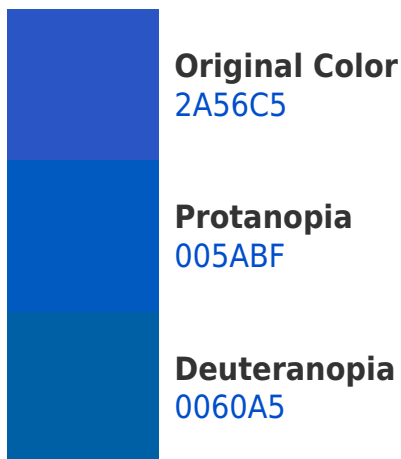


This preview shows how white text looks on a background with the Hex color 2A56C5.

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](#).

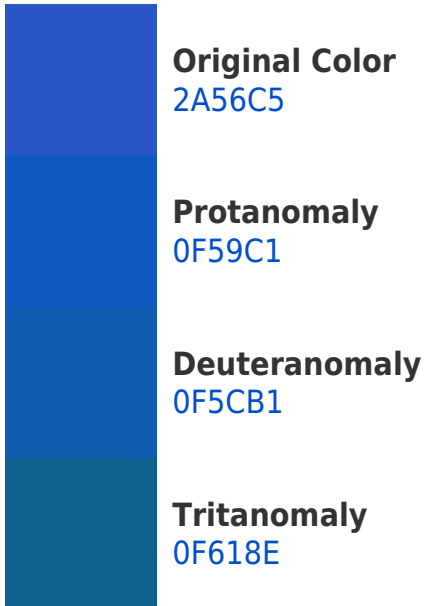
Dichromacy



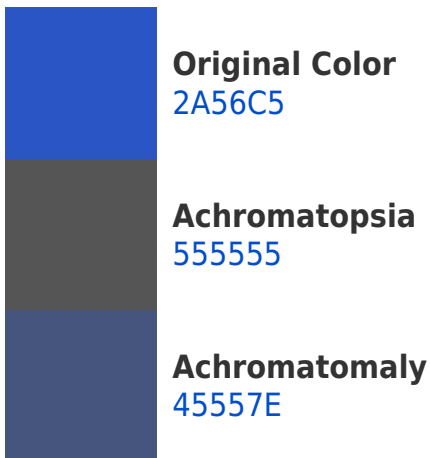


Tritanopia
00686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A56C5 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 #2A56C5 looks like.

```
.text, #text, p{  
    color:#2A56C5  
}
```

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 #2A56C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A56C5
}
```

Border

The CSS property to change the border of an element to Hex 2A56C5 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
#2A56C5 }
```

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

```
.border{ border-color:#2A56C5 }
```

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

Here you see how a box with a 4 pixel #2A56C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A56C5; -webkit-box-shadow:4px 4px  
4px 4px #2A56C5; box-shadow:4px 4px 4px  
4px #2A56C5 }
```

Background

The CSS property to change the background color of an element to Hex 2A56C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A56C5 }
```

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

```
.background{ background-color:#2A56C5 }
```

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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