

Converting Colors

Hex(2653C5)

Have a look what the booklet for
Hex(2653C5) contains.

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Color

Hex(2653C5)

Conversions

Conversions Part 1

Format	Color
Hex	2653C5
RGB	38, 83, 197
RGB Percent	15%, 33%, 77%
CMY	0.8510, 0.6745, 0.2275
CMYK	0.81, 0.58, 0.00, 0.23
HSL	223°, 68%, 46%
HSV	223°, 81%, 77%
XYZ	13.9706, 10.6298, 54.1387
YIQ	82.5410, -63.4140, 25.9140

Conversions

Conversions Part 2

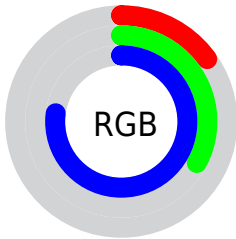
Format	Color
R_{YB}	38, 73, 197
Decimal	2511813
CIE Lab	38.95, 27.02, -63.70
CIE LCh	39, 69.198, 292.985
Yxy	10.6298, 0.1774, 0.1350
Android (android.graphics.Color)	4280701893 (0xFF2653C5)
YUV	82.5410, 56.4283, -39.0625
Hunter-Lab	32.6034, 19.4318, -75.6302

Details

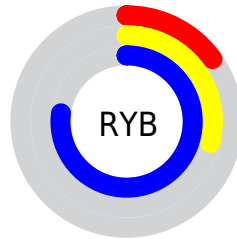
The Hex color **2653C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C59826**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E84FF**, and **00278E** is the 20% darker color. If you saturate the color by 10%, you get **1245C5**, and if you desaturate by 10%, it is **3A61C5**.

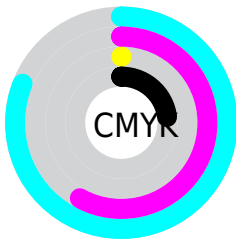
Distribution



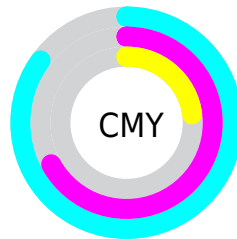
- Red (15%)
- Green (33%)
- Blue (77%)



- Red (15%)
- Yellow (29%)
- Blue (77%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2653C5 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 2653C5 by changing the saturation by 10% instead.

■ 2653C5

■ 2653C5

FFFFFF

■ 003CA9

■ 6E84FF

■ 00278E

■ 8C9EFF

■ 001574

■ ABB9FF

■ 00005A

■ C9D4FF

■ 000742

■ E7F1FF

■ 00032B

■ 000115

■ 000000

■ 2653C5

■ 2653C5

■ 1245C5

■ 3A61C5

■ 0038C5

■ 4D6FC5

■ 617DC5

■ 758BC5

■ 899AC5

■ 9CA8C5

■ B0B6C5

■ C4C4C5

■ D7D2C5

Harmonies

Analogous

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



0067CD



2653C5



9030A0

Triad

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



2653C5



A33900



00724C

Complementary

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



2653C5



C59826

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.



006E08



2653C5



7C5500

Square

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



2653C5



B90434



476500



007386

Rectangle

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



2653C5



AD0A7E



476500



007138

Sweetspot

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



2653C5



C2D3FF



26C598



5B6580



000000



808080

Same Dimension

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



2653C5



084EFF



4826C5



5A5C63



002EA3



000A24

Inverse Universe

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



C52653



FF084E



A3C526



635A5C



A3002E



24000A

Previews

White Background



This preview shows how the Hex color 2653C5 looks on a white background.

Color Contrast Check

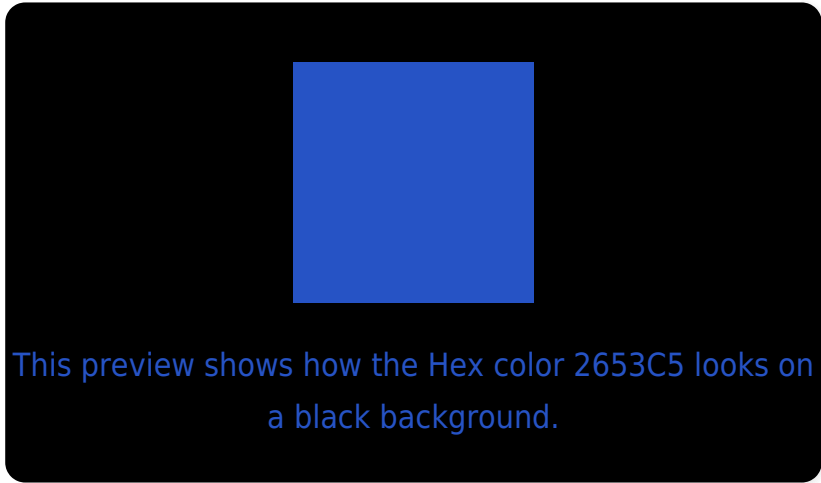
Large Text (above 18pt) WCAG AA ✓ Pass

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

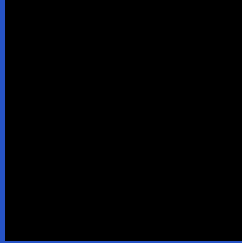
Any Text WCAG AA × Fail

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 2653C5 Background



This preview shows how black text looks on a background with the Hex color 2653C5.

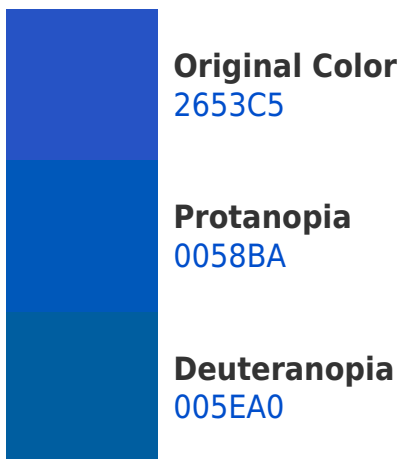


This preview shows how white text looks on a background with the Hex color 2653C5.

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](#).

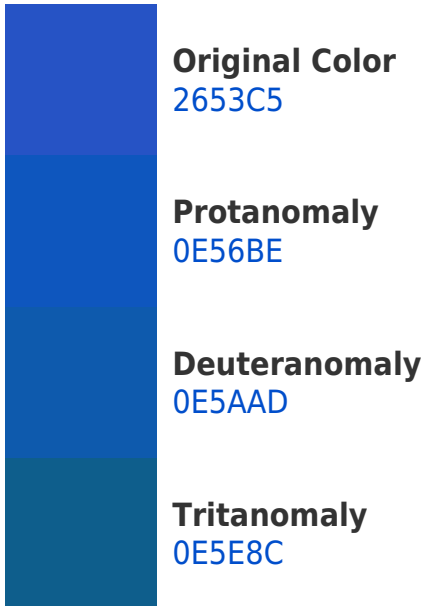
Dichromacy



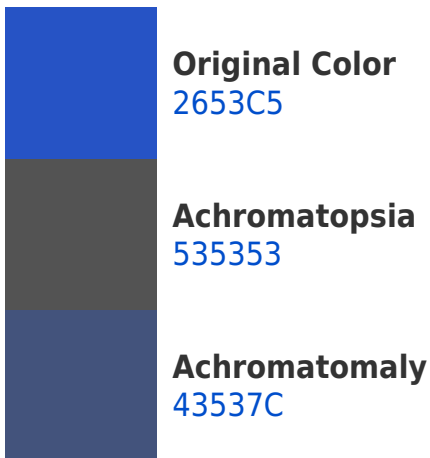


Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2653C5 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 #2653C5 looks like.

```
.text, #text, p{  
    color:#2653C5  
}
```

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 #2653C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2653C5  
}
```

Border

The CSS property to change the border of an element to Hex 2653C5 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  
#2653C5 }
```

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

```
.border{ border-color:#2653C5 }
```

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

Here you see how a box with a 4 pixel #2653C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2653C5; -webkit-box-shadow:4px 4px  
4px 4px #2653C5; box-shadow:4px 4px 4px  
4px #2653C5 }
```

Background

The CSS property to change the background color of an element to Hex 2653C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2653C5 }
```

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

```
.background{ background-color:#2653C5 }
```

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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