

Converting Colors

Hex(2650A6)

Have a look what the booklet for
Hex(2650A6) contains.

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Color

Hex(2650A6)

Conversions

Conversions Part 1

Format	Color
Hex	2650A6
RGB	38, 80, 166
RGB Percent	15%, 31%, 65%
CMY	0.8510, 0.6863, 0.3490
CMYK	0.77, 0.52, 0.00, 0.35
HSL	220°, 63%, 40%
HSV	220°, 77%, 65%
XYZ	10.5509, 8.9026, 37.2387
YIQ	77.2460, -52.6380, 17.8420

Conversions

Conversions Part 2

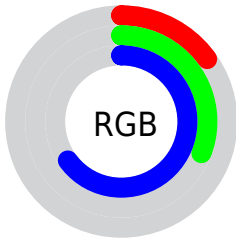
Format	Color
R_{YB}	38, 70, 166
Decimal	2511014
CIE _{Lab}	35.80, 17.04, -50.56
CIE _{LCh}	36, 53.356, 288.626
Yxy	8.9026, 0.1861, 0.1570
Android (android.graphics.Color)	4280701094 (0xFF2650A6)
YUV	77.2460, 43.7557, -34.4187
Hunter-Lab	29.8372, 10.9056, -53.1116




Details

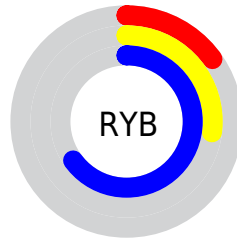
The Hex color **2650A6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A67C26**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **6681DE**, and **002571** is the 20% darker color. If you saturate the color by 10%, you get **1545A6**, and if you desaturate by 10%, it is **375BA6**.

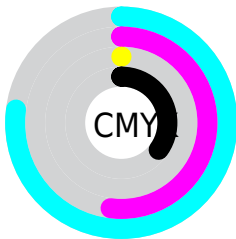
Distribution







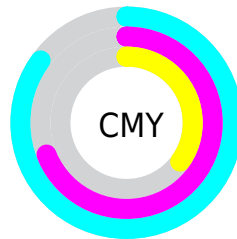
-  Red (15%)
-  Green (31%)
-  Blue (65%)






-  Red (15%)
-  Yellow (27%)
-  Blue (65%)



-  Cyan (77%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2650A6 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 2650A6 by changing the saturation by 10% instead.

■ 2650A6

■ 2650A6

FFFFFF

■ 003A8B

■ 6681DE

■ 002571

■ 839AFB

■ 001258

■ A0B5FF

■ 000740

■ BDD1FF

■ 000329

■ DBEDFF

■ 000113

■ F9FFFF

■ 000000

■ 2650A6

■ 2650A6

■ 1545A6

■ 375BA6

■ 053AA6

■ 4766A6

■ 0036A6

■ 5871A6

■ 687DA6

■ 7988A6

■ 8A93A6

■ 9A9EA6

■ ABA9A6

■ BBB4A6

Harmonies

Analogous

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



005EA9



2650A6



763B8D

Triad

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



2650A6



903913



006642

Complementary

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



2650A6



A67C26

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.



0D6214



2650A6



744C00

Square

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



2650A6



9E243C



4E5A00



00676E

Rectangle

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



2650A6



902B74



4E5A00



006533

Sweetspot

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



2650A6



A7B7D9



26A67B



4F596E



EDEDED



6E6E6E

Same Dimension

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



2650A6



0F51D9



3B26A6



4C4E54



003194



000714

Inverse Universe

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



A62650



D90F51



91A626



544C4E



940031



140007

Previews

White Background



This preview shows how the Hex color 2650A6 looks on a white background.

Color Contrast Check

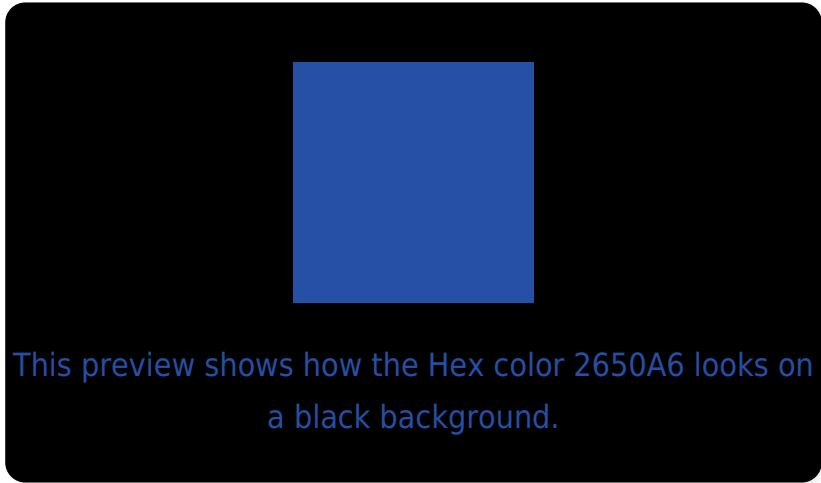
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

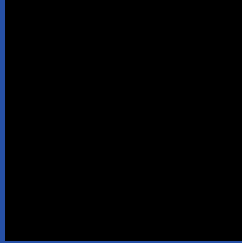
Any Text WCAG AA × Fail

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 2650A6 Background



This preview shows how black text looks on a background with the Hex color 2650A6.



This preview shows how white text looks on a background with the Hex color 2650A6.

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



Original Color
2650A6

Protanopia
1B51A7

Deuteranopia
005695



Tritanopia
005D64

Trichromacy



Original Color
2650A6

Protanomaly
1F51A7

Deuteranomaly
0E549B

Tritanomaly
0E587C

Monochromacy



Original Color
2650A6

Achromatopsia
4D4D4D

Achromatomaly
3F4E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2650A6 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 #2650A6 looks like.

```
.text, #text, p{  
    color:#2650A6  
}
```

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 #2650A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2650A6
}
```

Border

The CSS property to change the border of an element to Hex 2650A6 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
#2650A6 }
```

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

```
.border{ border-color:#2650A6 }
```

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

Here you see how a box with a 4 pixel #2650A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2650A6; -webkit-box-shadow:4px 4px  
4px 4px #2650A6; box-shadow:4px 4px 4px  
4px #2650A6 }
```

Background

The CSS property to change the background color of an element to Hex 2650A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2650A6 }
```

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

```
.background{ background-color:#2650A6 }
```

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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