

Converting Colors

Hex(6536AF)

Have a look what the booklet for
Hex(6536AF) contains.

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Color

Hex(6536AF)

Conversions

Conversions Part 1

Format	Color
Hex	6536AF
RGB	101, 54, 175
RGB Percent	40%, 21%, 69%
CMY	0.6039, 0.7882, 0.3137
CMYK	0.42, 0.69, 0.00, 0.31
HSL	263°, 53%, 45%
HSV	263°, 69%, 69%
XYZ	14.4239, 8.5002, 41.4379
YIQ	81.8470, -10.8290, 47.5950

Conversions

Conversions Part 2

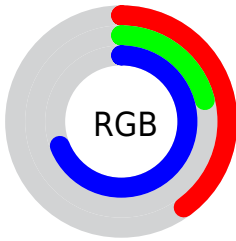
Format	Color
R_{YB}	101, 54, 175
Decimal	6633135
CIE _{Lab}	35.00, 46.85, -57.00
CIE _{LCh}	35, 73.784, 309.421
Yxy	8.5002, 0.2241, 0.1321
Android (android.graphics.Color)	4284823215 (0xFF6536AF)
YUV	81.8470, 45.9244, 16.7972
Hunter-Lab	29.1551, 37.2878, -63.8600

Details

The Hex color **6536AF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **80AF36**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9D68E7**, and **2B0079** is the 20% darker color. If you saturate the color by 10%, you get **5A25AF**, and if you desaturate by 10%, it is **7048AF**.

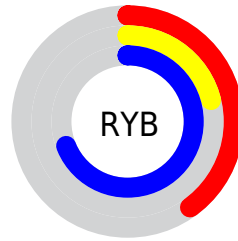
Distribution



Red (40%)

Green (21%)

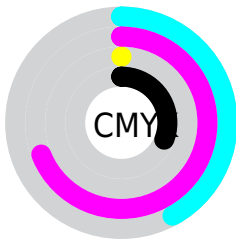
Blue (69%)



Red (40%)

Yellow (21%)

Blue (69%)

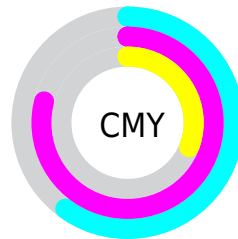


Cyan (42%)

Magenta (69%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (79%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6536AF 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 6536AF by changing the saturation by 10% instead.

6536AF

6536AF

FFFFFF

491D94

9D68E7

2B0079

BA82FF

010060

D79DFF

000047

F5B8FF

000430

FFD5FF

00011A

FFF1FF

000000

6536AF

6536AF

5A25AF

7048AF

■ 5013AF

■ 7A59AF

■ 4501AF

■ 856AAF

■ 4400AF

■ 907CAF

■ 9B8EAF

■ A59FAF

■ B0B1AF

■ BBC2AF

■ C5D4AF

Harmonies

Analogous

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



0055C9



6536AF



A2007D

Triad

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



6536AF



853F00



006964

Complementary

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



6536AF



80AF36

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.



006725



6536AF



555600

Square

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



6536AF



A70C05



006200



00699D

Rectangle

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



6536AF



B20056



006200



006950

Sweetspot

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



6536AF



C6B3E3



3681AF



615673



F2F2F2



737373

Same Dimension

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



6536AF



7027E3



A136AF



514E57



3A0096



090017

Inverse Universe

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



AF3680



E3279A



44AF36



574E53



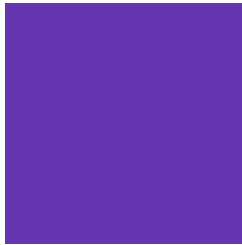
96005C



17000E

Previews

White Background



This preview shows how the Hex color 6536AF looks on a white background.

Color Contrast Check

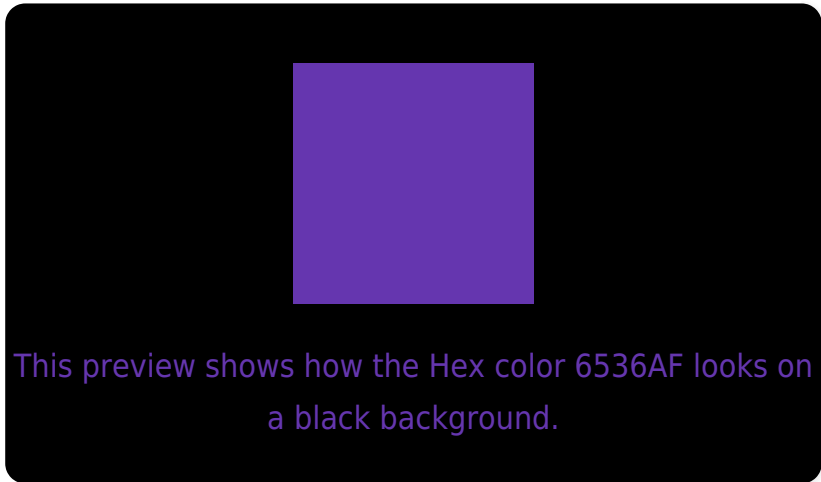
Large Text (above 18pt) WCAG AA ✓ Pass

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

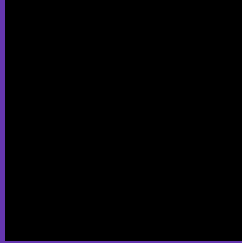
Any Text WCAG AA × Fail

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 6536AF Background



This preview shows how black text looks on a background with the Hex color 6536AF.

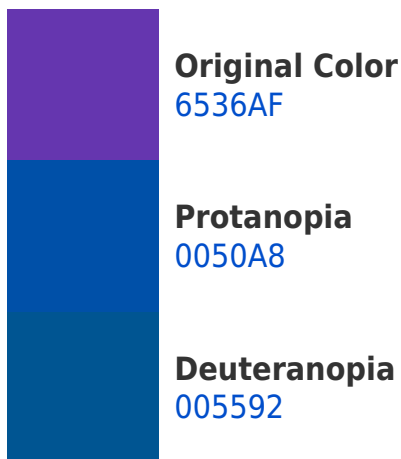


This preview shows how white text looks on a background with the Hex color 6536AF.

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
515259

Trichromacy



Original Color
6536AF



Protanomaly
2547AB



Deuteranomaly
254A9D



Tritanomaly
584878

Monochromacy



Original Color
6536AF



Achromatopsia
525252



Achromatomaly
594874

CSS Examples

Text

The CSS property to change the color of the text to Hex 6536AF 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 #6536AF looks like.

```
.text, #text, p{  
    color:#6536AF  
}
```

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 #6536AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6536AF
}
```

Border

The CSS property to change the border of an element to Hex 6536AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

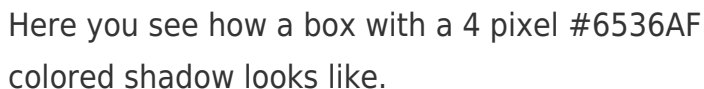
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6536AF }
```

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

```
.border{ border-color:#6536AF }
```

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



Here you see how a box with a 4 pixel #6536AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6536AF; -webkit-box-shadow:4px 4px  
4px 4px #6536AF; box-shadow:4px 4px 4px  
4px #6536AF }
```

Background

The CSS property to change the background color of an element to Hex 6536AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6536AF }
```

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

```
.background{ background-color:#6536AF }
```

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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