

Converting Colors

Hex(6560AB)

Have a look what the booklet for
Hex(6560AB) contains.

Hex(6560AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6560AB)

Conversions

Conversions Part 1

Format	Color
Hex	6560AB
RGB	101, 96, 171
RGB Percent	40%, 38%, 67%
CMY	0.6039, 0.6235, 0.3294
CMYK	0.41, 0.44, 0.00, 0.33
HSL	244°, 31%, 52%
HSV	244°, 44%, 67%
XYZ	16.9004, 14.0727, 40.3536
YIQ	106.0450, -21.0950, 24.3850

Conversions

Conversions Part 2

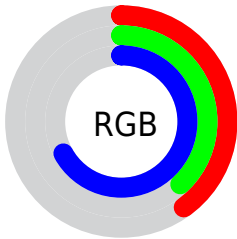
Format	Color
R_{YB}	101, 96, 171
Decimal	6643883
CIE _{Lab}	44.34, 21.09, -39.63
CIE _{LCh}	44, 44.893, 298.018
Yxy	14.0727, 0.2369, 0.1973
Android (android.graphics.Color)	4284833963 (0xFF6560AB)
YUV	106.0450, 32.0228, -4.4245
Hunter-Lab	37.5136, 14.7678, -37.5191

Details

The Hex color **6560AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6AB60**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9B93E3**, and **303276** is the 20% darker color. If you saturate the color by 10%, you get **554FAB**, and if you desaturate by 10%, it is **7571AB**.

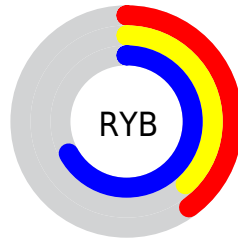
Distribution



Red (40%)

Green (38%)

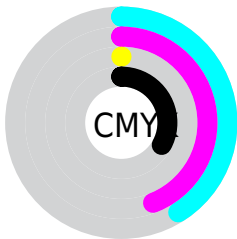
Blue (67%)



Red (40%)

Yellow (38%)

Blue (67%)

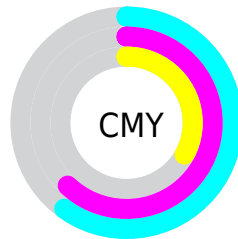


Cyan (41%)

Magenta (44%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6560AB 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 6560AB by changing the saturation by 10% instead.

■ 6560AB

■ 6560AB

FFFFFF

■ 4B4890

■ 9B93E3

■ 303276

■ B7ADFF

■ 121D5D

■ D3C8FF

■ 000645

■ F0E5FF

■ 00042E

■ 000118

■ 000000

■ 6560AB

■ 6560AB

■ 554FAB

■ 7571AB

453EAB

8582AB

352DAB

9593AB

251CAB

A5A4AB

150BAB

B5B5AB

0B00AB

C5C7AB

D5D8AB

E5E9AB

F5FAAB

Harmonies

Analogous

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



006EB3



6560AB



945091

Triad

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



6560AB



9B5829



007B65

Complementary

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



6560AB



A6AB60

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.



25783F



6560AB



7F6617

Square

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



6560AB



AB4A48



5A7121



007A8B

Rectangle

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



6560AB



A54879



5A7121



007A58

Sweetspot

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



6560AB



C3C1DE



60A6AB



5F5E70



F0F0F0



707070

Same Dimension

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



6560AB



7068DE



8A60AB



4F4E57



0A0096



020017

Inverse Universe

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



AB60A6



DE68D6



80AB60



574E56



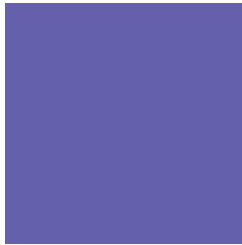
96008C



170015

Previews

White Background



This preview shows how the Hex color 6560AB 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



This preview shows how the Hex color 6560AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

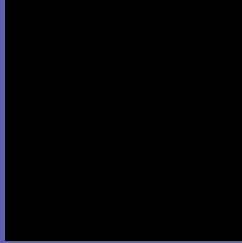
Any Text WCAG AA × Fail

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 6560AB Background



This preview shows how black text looks on a background with the Hex color 6560AB.



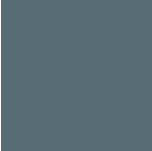
This preview shows how white text looks on a background with the Hex color 6560AB.

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](#).

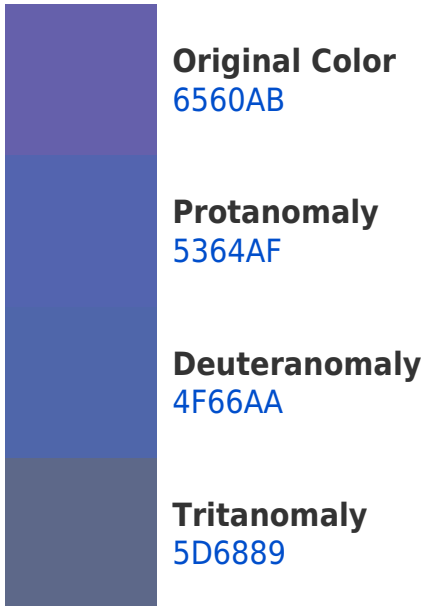
Dichromacy



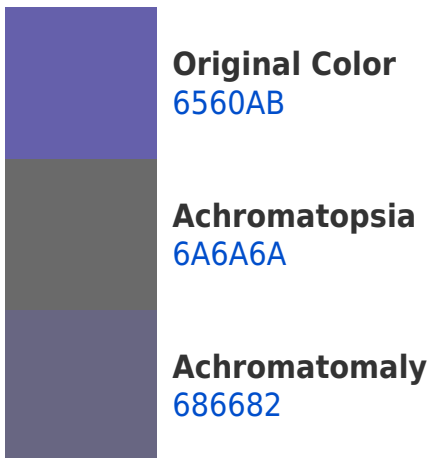


Tritanopia
586C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6560AB 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 #6560AB looks like.

```
.text, #text, p{  
  color:#6560AB  
}
```

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 #6560AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6560AB  
}
```

Border

The CSS property to change the border of an element to Hex 6560AB 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  
#6560AB }
```

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

```
.border{ border-color:#6560AB }
```

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

Here you see how a box with a 4 pixel #6560AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6560AB; -webkit-box-shadow:4px 4px  
4px 4px #6560AB; box-shadow:4px 4px 4px  
4px #6560AB }
```

Background

The CSS property to change the background color of an element to Hex 6560AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6560AB }
```

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

```
.background{ background-color:#6560AB }
```

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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