

Converting Colors

Hex(563AAB)

Have a look what the booklet for
Hex(563AAB) contains.

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Color

Hex(563AAB)

Conversions

Conversions Part 1

Format	Color
Hex	563AAB
RGB	86, 58, 171
RGB Percent	34%, 23%, 67%
CMY	0.6627, 0.7725, 0.3294
CMYK	0.50, 0.66, 0.00, 0.33
HSL	255°, 49%, 45%
HSV	255°, 66%, 67%
XYZ	12.7015, 7.9448, 39.3921
YIQ	79.2540, -19.5850, 41.0790

Conversions

Conversions Part 2

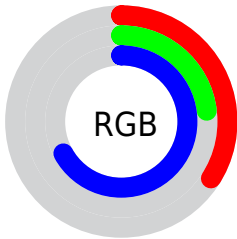
Format	Color
R_{YB}	86, 58, 171
Decimal	5651115
CIE _{Lab}	33.87, 40.68, -56.53
CIE _{LCh}	34, 69.648, 305.740
Yxy	7.9448, 0.2116, 0.1323
Android (android.graphics.Color)	4283841195 (0xFF563AAB)
YUV	79.2540, 45.2308, 5.9162
Hunter-Lab	28.1866, 31.1096, -63.1302

Details

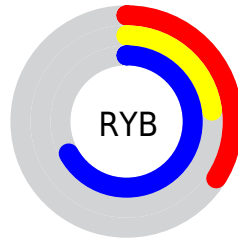
The Hex color **563AAB** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8FAB3A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8E6BE3**, and **160B76** is the 20% darker color. If you saturate the color by 10%, you get **4929AB**, and if you desaturate by 10%, it is **634BAB**.

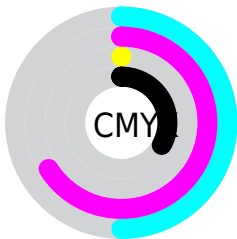
Distribution



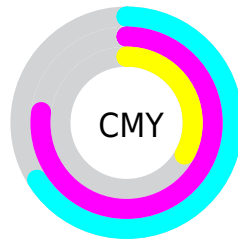
- Red (34%)
- Green (23%)
- Blue (67%)



- Red (34%)
- Yellow (23%)
- Blue (67%)



- Cyan (50%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563AAB 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 563AAB by changing the saturation by 10% instead.

 563AAB

 563AAB

FFFFFF

 392390

 8E6BE3

 160B76

 AB85FF

 00005C

 C89FFF

 000044

 E5BBFF

 00032C

 FFD6FF

 000117

 FFF3FF

 000000

 563AAB

 563AAB

 4929AB

 634BAB

■ 3C18AB

■ 705CAB

■ 2F07AB

■ 7D6DAB

■ 2A00AB

■ 897EAB

■ 968FAB

■ A3A1AB

■ B0B2AB

■ BDC3AB

■ CAD4AB

Harmonies

Analogous

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



0054C0



563AAB



97007E

Triad

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



563AAB



853A00



006559

Complementary

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



563AAB



8FAB3A

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.



00631D



563AAB



595100

Square

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



563AAB



A30711



155D00



006590

Rectangle

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



563AAB



A8005A



155D00



006546

Sweetspot

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



563AAB



BCB1DE



3A91AB



5C5570



F0F0F0



707070

Same Dimension

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



563AAB



5A2FDE



8D3AAB



504E57



250096



060017

Inverse Universe

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



AB3A8F



DE2FB2



58AB3A



574E55



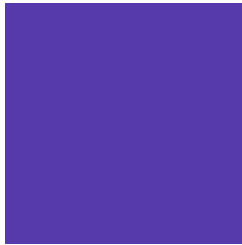
960071



170011

Previews

White Background



This preview shows how the Hex color 563AAB 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

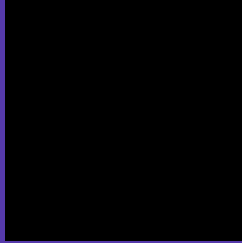
Any Text WCAG AA × Fail

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 563AAB Background



This preview shows how black text looks on a background with the Hex color 563AAB.

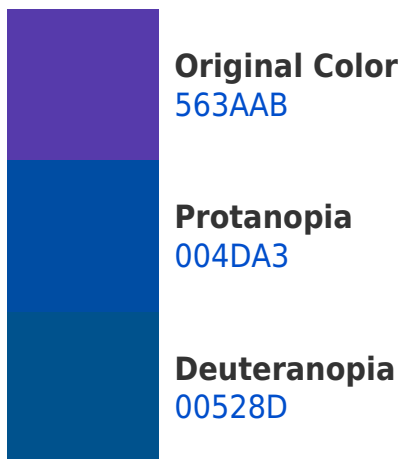


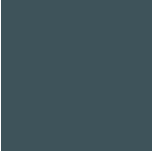
This preview shows how white text looks on a background with the Hex color 563AAB.

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
3E535A

Trichromacy



Original Color
563AAB



Protanomaly
1F46A6



Deuteranomaly
1F4998



Tritanomaly
474A77

Monochromacy



Original Color
563AAB



Achromatopsia
4F4F4F



Achromatomaly
524770

CSS Examples

Text

The CSS property to change the color of the text to Hex 563AAB 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 #563AAB looks like.

```
.text, #text, p{  
    color:#563AAB  
}
```

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 #563AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563AAB
}
```

Border

The CSS property to change the border of an element to Hex 563AAB 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
#563AAB }
```

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

```
.border{ border-color:#563AAB }
```

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

Here you see how a box with a 4 pixel #563AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563AAB; -webkit-box-shadow:4px 4px  
4px 4px #563AAB; box-shadow:4px 4px 4px  
4px #563AAB }
```

Background

The CSS property to change the background color of an element to Hex 563AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563AAB }
```

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

```
.background{ background-color:#563AAB }
```

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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