

Converting Colors

Hex(556AAB)

Have a look what the booklet for
Hex(556AAB) contains.

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Color

Hex(556AAB)

Conversions

Conversions Part 1

Format	Color
Hex	556AAB
RGB	85, 106, 171
RGB Percent	33%, 42%, 67%
CMY	0.6667, 0.5843, 0.3294
CMYK	0.50, 0.38, 0.00, 0.33
HSL	225°, 34%, 50%
HSV	225°, 50%, 67%
XYZ	16.2510, 15.1796, 40.6015
YIQ	107.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

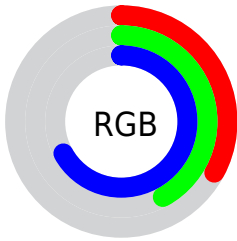
Format	Color
R _Y B	85, 102, 171
Decimal	5597867
CIE Lab	45.88, 10.79, -37.27
CIE LCh	46, 38.797, 286.152
Yxy	15.1796, 0.2256, 0.2107
Android (android.graphics.Color)	4283787947 (0xFF556AAB)
YUV	107.1310, 31.4874, -19.4089
Hunter-Lab	38.9611, 6.2722, -34.5137

Details

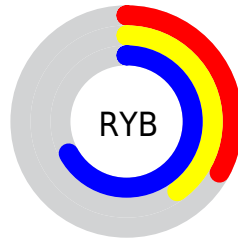
The Hex color **556AAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB9655**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8B9DE3**, and **1B3B76** is the 20% darker color. If you saturate the color by 10%, you get **445DAB**, and if you desaturate by 10%, it is **6677AB**.

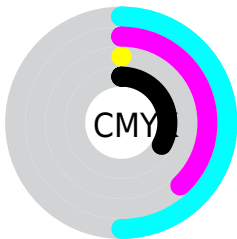
Distribution



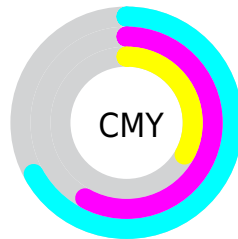
- Red (33%)
- Green (42%)
- Blue (67%)



- Red (33%)
- Yellow (40%)
- Blue (67%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556AAB 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 556AAB by changing the saturation by 10% instead.

■ 556AAB

■ 556AAB

FFFFFF

■ 3A5290

■ 8B9DE3

■ 1B3B76

■ A7B8FF

■ 00265D

■ C3D3FF

■ 001245

■ E0F0FF

■ 00042E

FEFFFF

■ 000119

■ 000000

■ 556AAB

■ 556AAB

■ 445DAB

■ 6677AB

■ 3350AB

■ 7784AB

■ 2243AB

■ 8891AB

■ 1136AB

■ 999EAB

■ 002AAB

■ AAABAB

■ BCB8AB

■ CDC4AB

■ DED1AB

■ EFDEAB

Harmonies

Analogous

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



0074AB



556AAB



855D9A

Triad

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



556AAB



A1593F



007C5C

Complementary

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



556AAB



AB9655

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.



49783E



556AAB



8C662C

Square

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



556AAB



A9515C



6E702B



007D7E

Rectangle

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



556AAB



9A5588



6E702B



277B51

Sweetspot

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



556AAB



BDC5DE



55AB95



5C6170



F0F0F0



707070

Same Dimension

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



556AAB



5979DE



6A55AB



4E5057



002596



000617

Inverse Universe

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



AB556A



DE5979



95AB55



574E50



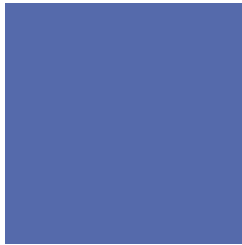
960025



170006

Previews

White Background



This preview shows how the Hex color 556AAB looks on a white background.

Color Contrast Check

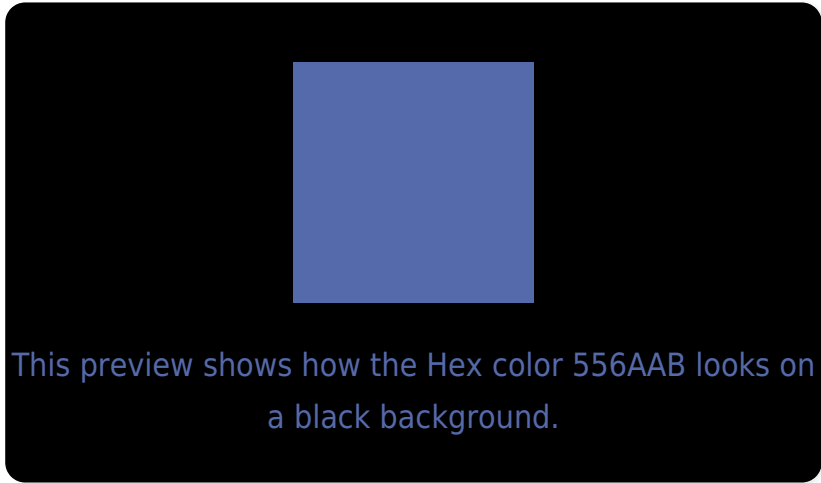
Large Text (above 18pt) WCAG AA ✓ Pass

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 556AAB Background



This preview shows how black text looks on a background with the Hex color 556AAB.



This preview shows how white text looks on a background with the Hex color 556AAB.

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

556AAB

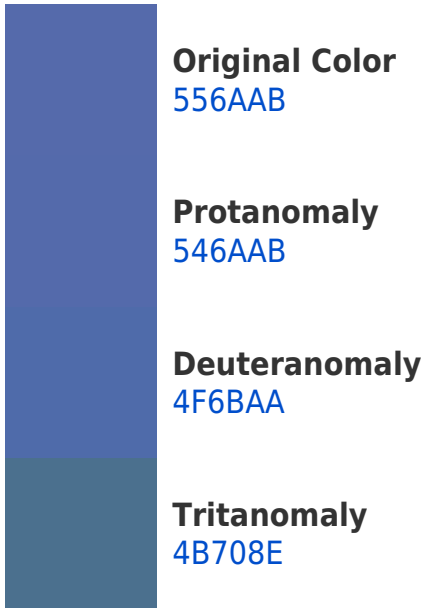
Protanopia

546AAB

Deuteranopia

4B6CAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 556AAB 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 #556AAB looks like.

```
.text, #text, p{  
    color:#556AAB  
}
```

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 #556AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556AAB
}
```

Border

The CSS property to change the border of an element to Hex 556AAB 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
#556AAB }
```

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

```
.border{ border-color:#556AAB }
```

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

Here you see how a box with a 4 pixel #556AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556AAB; -webkit-box-shadow:4px 4px  
4px 4px #556AAB; box-shadow:4px 4px 4px  
4px #556AAB }
```

Background

The CSS property to change the background color of an element to Hex 556AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556AAB }
```

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

```
.background{ background-color:#556AAB }
```

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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