

Converting Colors

Hex(56458D)

Have a look what the booklet for
Hex(56458D) contains.

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Color

Hex(56458D)

Conversions

Conversions Part 1

Format	Color
Hex	56458D
RGB	86, 69, 141
RGB Percent	34%, 27%, 55%
CMY	0.6627, 0.7294, 0.4471
CMYK	0.39, 0.51, 0.00, 0.45
HSL	254°, 34%, 41%
HSV	254°, 51%, 55%
XYZ	10.7736, 8.1578, 26.2061
YIQ	82.2910, -12.9800, 25.9960

Conversions

Conversions Part 2

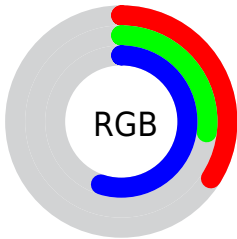
Format	Color
R_{YB}	86, 69, 141
Decimal	5653901
CIE _{Lab}	34.31, 25.13, -37.67
CIE _{LCh}	34, 45.279, 303.708
Yxy	8.1578, 0.2387, 0.1807
Android (android.graphics.Color)	4283843981 (0xFF56458D)
YUV	82.2910, 28.9435, 3.2528
Hunter-Lab	28.5618, 17.3476, -34.4066

Details

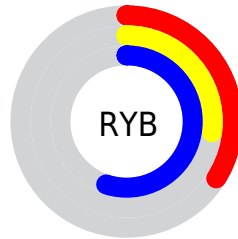
The Hex color **56458D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C8D45**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8B76C3**, and **22195A** is the 20% darker color. If you saturate the color by 10%, you get **4B378D**, and if you desaturate by 10%, it is **61538D**.

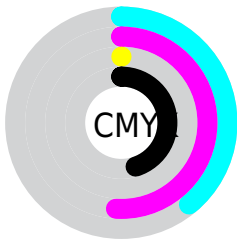
Distribution



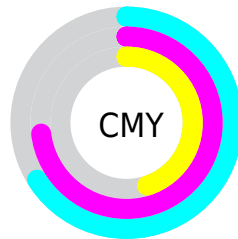
- Red (34%)
- Green (27%)
- Blue (55%)



- Red (34%)
- Yellow (27%)
- Blue (55%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (45%)



- Cyan (66%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56458D 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 56458D by changing the saturation by 10% instead.

■ 56458D

■ 56458D

FFFFFF

■ 3C2E73

■ 8B76C3

■ 22195A

■ A68FDF

■ 060242

■ C2AAFC

■ 00032B

■ DEC5FF

■ 000116

■ FBE1FF

■ 000000

FFFEFF

■ 56458D

■ 56458D

■ 4B378D

■ 61538D

■ 40298D

■ 6C618D

■ 361B8D

■ 766F8D

■ 2B0D8D

■ 817D8D

■ 21008D

■ 8C8B8D

■ 979A8D

■ A1A88D

■ ACB68D

■ B7C48D

Harmonies

Analogous

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



005499



56458D



7F3471

Triad

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



56458D



7A430A



006154

Complementary

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



56458D



7C8D45

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.



005F2F



56458D



5E5100

Square

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



56458D



8D332B



385A0B



006178

Rectangle

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



56458D



8D2C5A



385A0B



006148

Sweetspot

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



56458D



A39CB8



457C8D



4F4B5C



DBDBDB



5C5C5C

Same Dimension

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



56458D



6248B8



7A458D



424047



200087



020008

Inverse Universe

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



8D457C



B8489D



588D45



474046



870067



080006

Previews

White Background



This preview shows how the Hex color 56458D looks on a white background.

Color Contrast Check

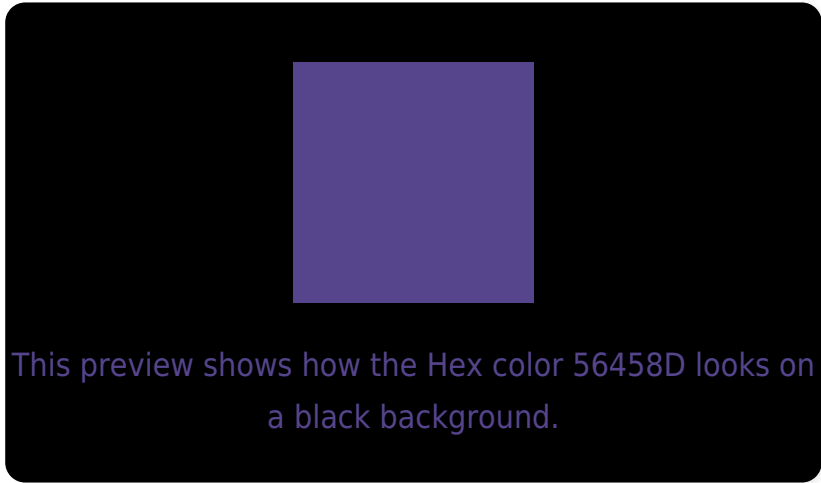
Large Text (above 18pt) WCAG AA ✓ Pass

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

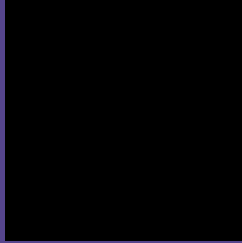
Any Text WCAG AA × Fail

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 56458D Background



This preview shows how black text looks on a background with the Hex color 56458D.

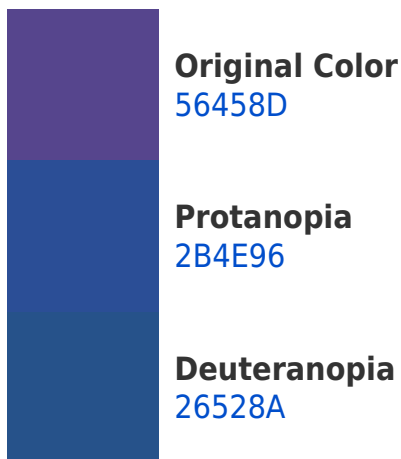


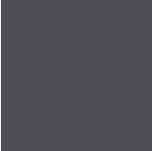
This preview shows how white text looks on a background with the Hex color 56458D.

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
4A5258

Trichromacy



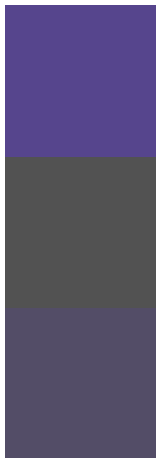
Original Color
56458D

Protanomaly
3B4B93

Deuteranomaly
374D8B

Tritanomaly
4E4D6B

Monochromacy



Original Color
56458D

Achromatopsia
525252

Achromatomaly
534D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 56458D 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 #56458D looks like.

```
.text, #text, p{  
    color:#56458D  
}
```

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 #56458D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56458D
}
```

Border

The CSS property to change the border of an element to Hex 56458D is called "border". The border property can be set on classes, ids or directly on the HTML element.

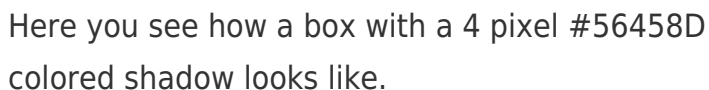
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56458D }
```

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

```
.border{ border-color:#56458D }
```

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



Here you see how a box with a 4 pixel #56458D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56458D; -webkit-box-shadow:4px 4px  
4px 4px #56458D; box-shadow:4px 4px 4px  
4px #56458D }
```

Background

The CSS property to change the background color of an element to Hex 56458D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56458D }
```

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

```
.background{ background-color:#56458D }
```

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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