

Converting Colors

Hex(564399)

Have a look what the booklet for
Hex(564399) contains.

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Color

Hex(564399)

Conversions

Conversions Part 1

Format	Color
Hex	564399
RGB	86, 67, 153
RGB Percent	34%, 26%, 60%
CMY	0.6627, 0.7373, 0.4000
CMYK	0.44, 0.56, 0.00, 0.40
HSL	253°, 39%, 43%
HSV	253°, 56%, 60%
XYZ	11.5947, 8.2927, 31.1265
YIQ	82.4850, -16.2820, 30.7740

Conversions

Conversions Part 2

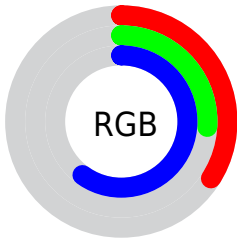
Format	Color
R_{YB}	86, 67, 153
Decimal	5653401
CIE _{Lab}	34.59, 29.94, -44.54
CIE _{LCh}	35, 53.662, 303.909
Yxy	8.2927, 0.2273, 0.1626
Android (android.graphics.Color)	4283843481 (0xFF564399)
YUV	82.4850, 34.7639, 3.0827
Hunter-Lab	28.7970, 21.4757, -43.9285

Details

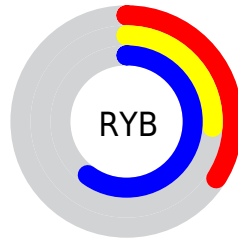
The Hex color **564399** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **869943**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8C74D0**, and **1F1765** is the 20% darker color. If you saturate the color by 10%, you get **4A3499**, and if you desaturate by 10%, it is **625299**.

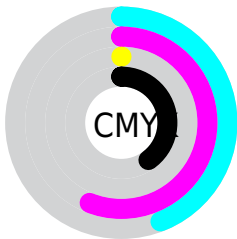
Distribution



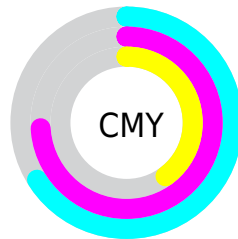
- Red (34%)
- Green (26%)
- Blue (60%)



- Red (34%)
- Yellow (26%)
- Blue (60%)



- Cyan (44%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)



- Cyan (66%)
- Magenta (74%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564399 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 564399 by changing the saturation by 10% instead.

■ 564399

■ 564399

FFFFFF

■ 3B2C7F

■ 8C74D0

■ 1F1765

■ A78DED

■ 00004D

■ C4A8FF

■ 000035

■ E0C3FF

■ 00021F

■ FEDFFF

■ 000002

■ FFFCFF

■ 000000

■ 564399

■ 564399

■ 4A3499

■ 625299

■ 3E2499

■ 6E6299

■ 321599

■ 7A7199

■ 260699

■ 868099

■ 220099

■ 929099

■ 9E9F99

■ A9AE99

■ B5BD99

■ C1CD99

Harmonies

Analogous

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



0055A7



564399



882B78

Triad

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



564399



804000



006456

Complementary

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



564399



869943

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.



006229



564399



5E5100

Square

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



564399



962A24



315C00



006480

Rectangle

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



564399



971E5C



315C00



006347

Sweetspot

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



564399



ADA5C7



438699



545063



E3E3E3



636363

Same Dimension

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



564399



5F42C7



814399



47454D



1F008C



03000D

Inverse Universe

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



994386



C742A9



5B9943



4D454B



8C006D



0D000A

Previews

White Background



This preview shows how the Hex color 564399 looks on a white background.

Color Contrast Check

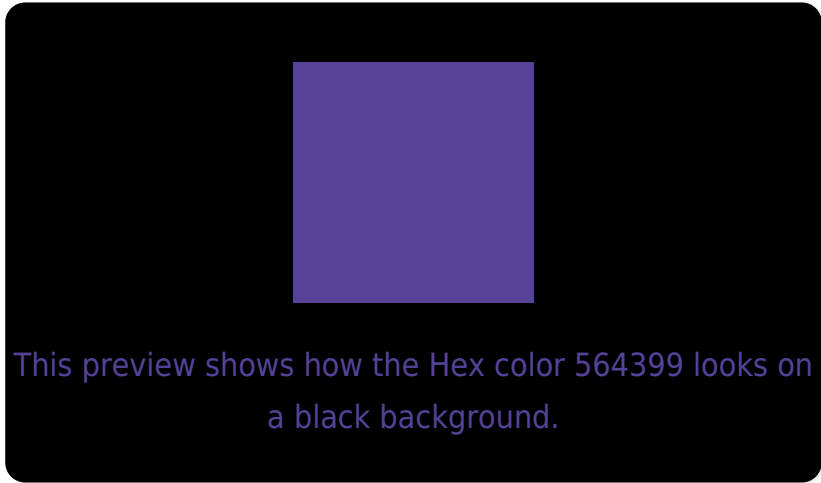
Large Text (above 18pt) WCAG AA ✓ Pass

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

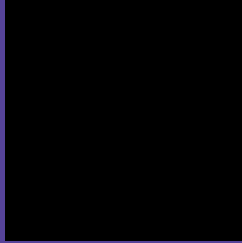
Any Text WCAG AA × Fail

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 564399 Background



This preview shows how black text looks on a background with the Hex color 564399.

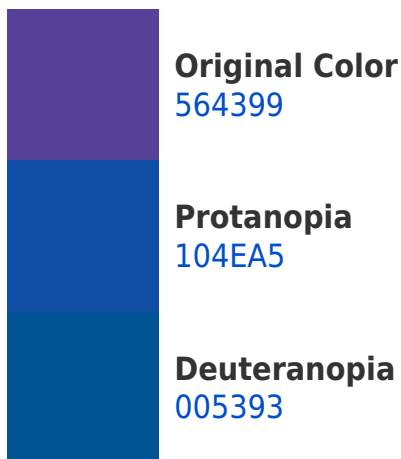


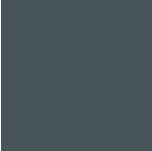
This preview shows how white text looks on a background with the Hex color 564399.

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
46545A

Trichromacy



Original Color

564399



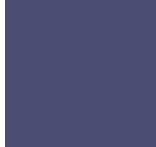
Protanomaly

294AA1



Deuteranomaly

1F4D95



Tritanomaly

4C4E71

Monochromacy



Original Color

564399



Achromatopsia

525252



Achromatomaly

534D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 564399 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 #564399 looks like.

```
.text, #text, p{  
    color:#564399  
}
```

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 #564399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564399
}
```

Border

The CSS property to change the border of an element to Hex 564399 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
#564399 }
```

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

```
.border{ border-color:#564399 }
```

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

Here you see how a box with a 4 pixel #564399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564399; -webkit-box-shadow:4px 4px  
4px 4px #564399; box-shadow:4px 4px 4px  
4px #564399 }
```

Background

The CSS property to change the background color of an element to Hex 564399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564399 }
```

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

```
.background{ background-color:#564399 }
```

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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