

Converting Colors

Hex(55328A)

Have a look what the booklet for
Hex(55328A) contains.

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Color

Hex(55328A)

Conversions

Conversions Part 1

Format	Color
Hex	55328A
RGB	85, 50, 138
RGB Percent	33%, 20%, 54%
CMY	0.6667, 0.8039, 0.4588
CMYK	0.38, 0.64, 0.00, 0.46
HSL	264°, 47%, 37%
HSV	264°, 64%, 54%
XYZ	9.4744, 6.0475, 24.7127
YIQ	70.4970, -7.3880, 34.7880

Conversions

Conversions Part 2

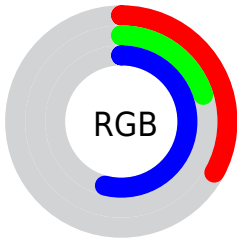
Format	Color
R_{YB}	85, 50, 138
Decimal	5583498
CIE _{Lab}	29.53, 35.57, -43.49
CIE _{LCh}	30, 56.189, 309.280
Yxy	6.0475, 0.2355, 0.1503
Android (android.graphics.Color)	4283773578 (0xFF55328A)
YUV	70.4970, 33.2790, 12.7191
Hunter-Lab	24.5916, 25.7350, -42.3677

Details

The Hex color **55328A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **678A32**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8A62C0**, and **200357** is the 20% darker color. If you saturate the color by 10%, you get **4D248A**, and if you desaturate by 10%, it is **5D408A**.

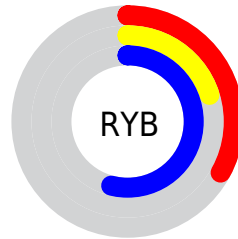
Distribution



Red (33%)

Green (20%)

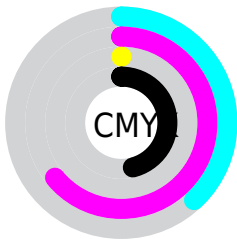
Blue (54%)



Red (33%)

Yellow (20%)

Blue (54%)

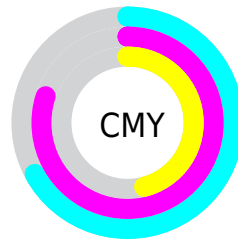


Cyan (38%)

Magenta (64%)

Yellow (0%)

Black (46%)



Cyan (67%)

Magenta (80%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55328A 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 55328A by changing the saturation by 10% instead.



55328A



55328A

FFFFFF



3B1B70



8A62C0



200357



A67CDC



0A003F



C296F9



000328



DFB1FF



000112



FCCDFE



000000



FFE9FF



55328A



55328A



4D248A



5D408A

■ 44168A

■ 664E8A

■ 3C098A

■ 6E5B8A

■ 37008A

■ 76698A

■ 7F778A

■ 87858A

■ 8F938A

■ 97A08A

■ A0AE8A

Harmonies

Analogous

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



00479D



55328A



821065

Triad

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



55328A



6E3800



005852

Complementary

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



55328A



678A32

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.



005624



55328A



4A4800

Square

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



55328A



871D0F



135100



00577C

Rectangle

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



55328A



8E0049



135100



005743

Sweetspot

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



55328A



9E91B3



32688A



4D4559



D9D9D9



595959

Same Dimension

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



55328A



6029B3



80328A



413E45



350085



020005

Inverse Universe

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



8A3267



B3297C



3C8A32



453E42



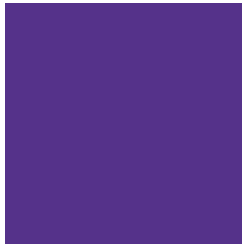
850050



050003

Previews

White Background



This preview shows how the Hex color 55328A looks on a white background.

Color Contrast Check

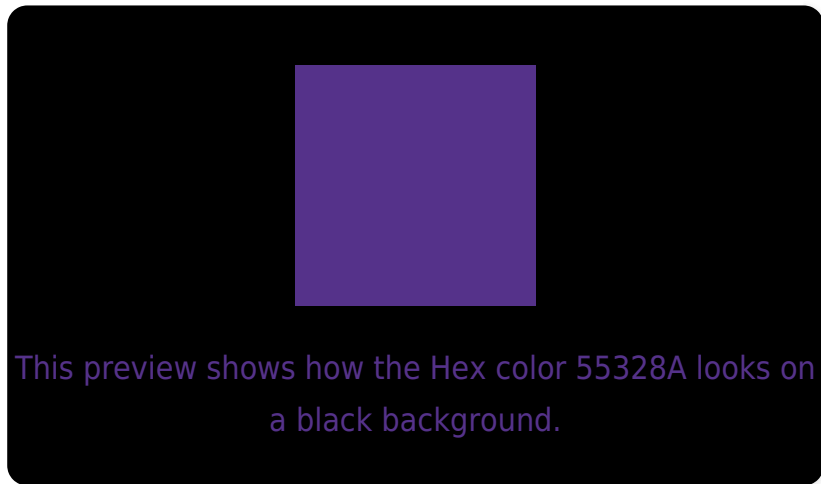
Large Text (above 18pt) WCAG AA ✓ Pass

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 55328A Background



This preview shows how black text looks on a background with the Hex color 55328A.

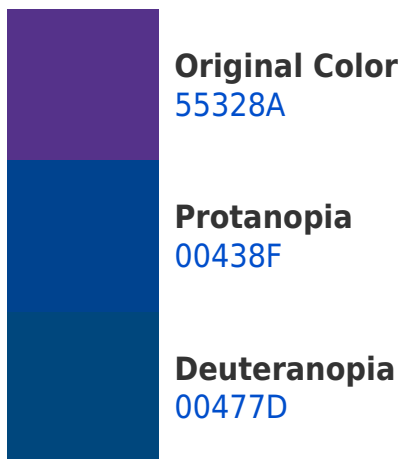



This preview shows how white text looks on a background with the Hex color 55328A.

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](#).

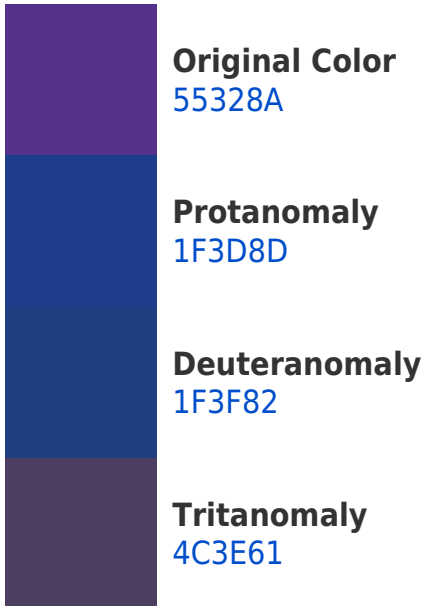
Dichromacy



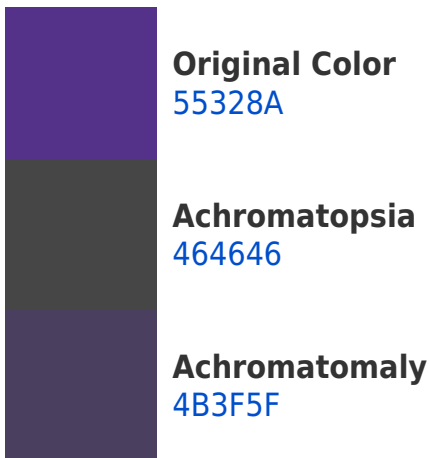


Tritanopia
47454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55328A 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 #55328A looks like.

```
.text, #text, p{  
    color:#55328A  
}
```

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 #55328A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55328A
}
```

Border

The CSS property to change the border of an element to Hex 55328A 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
#55328A }
```

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

```
.border{ border-color:#55328A }
```

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

Here you see how a box with a 4 pixel #55328A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55328A; -webkit-box-shadow:4px 4px  
4px 4px #55328A; box-shadow:4px 4px 4px  
4px #55328A }
```

Background

The CSS property to change the background color of an element to Hex 55328A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55328A }
```

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

```
.background{ background-color:#55328A }
```

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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