

Converting Colors

Hex(555280)

Have a look what the booklet for
Hex(555280) contains.

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Color

Hex(555280)

Conversions

Conversions Part 1

Format	Color
Hex	555280
RGB	85, 82, 128
RGB Percent	33%, 32%, 50%
CMY	0.6667, 0.6784, 0.4980
CMYK	0.34, 0.36, 0.00, 0.50
HSL	244°, 22%, 41%
HSV	244°, 36%, 50%
XYZ	10.6599, 9.5244, 21.6986
YIQ	88.1410, -12.9780, 14.9420

Conversions

Conversions Part 2

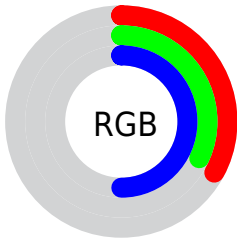
Format	Color
R_{YB}	85, 82, 128
Decimal	5591680
CIE Lab	36.97, 12.78, -25.48
CIE LCh	37, 28.512, 296.640
Yxy	9.5244, 0.2545, 0.2274
Android (android.graphics.Color)	4283781760 (0xFF555280)
YUV	88.1410, 19.6505, -2.7547
Hunter-Lab	30.8616, 7.6477, -20.0833

Details

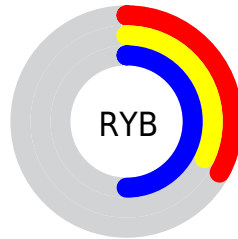
The Hex color **555280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D8052**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8883B5**, and **25254F** is the 20% darker color. If you saturate the color by 10%, you get **494580**, and if you desaturate by 10%, it is **615F80**.

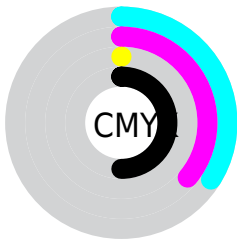
Distribution



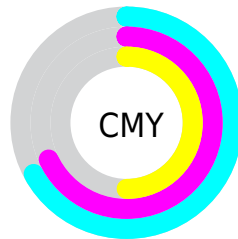
- Red (33%)
- Green (32%)
- Blue (50%)



- Red (33%)
- Yellow (32%)
- Blue (50%)



- Cyan (34%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555280 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 555280 by changing the saturation by 10% instead.

■ 555280

■ 555280

FFFFFF

■ 3D3B67

■ 8883B5

■ 25254F

■ A39DD1

■ 0D1137

■ BEB8ED

■ 000222

■ DAD4FF

■ 000007

■ F7F0FF

■ 000000

■ 555280

■ 555280

■ 494580

■ 615F80

■ 3D3880

■ 6D6C80

■ 312C80

■ 797880

■ 251F80

■ 858580

■ 191280

■ 919280

■ 0D0580

■ 9D9F80

■ 080080

■ A9AC80

■ B5B880

■ C1C580

Harmonies

Analogous

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



2B5A85



555280



714971

Triad

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



555280



794D31



056354

Complementary

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



555280



7D8052

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.



35603D



555280



675528

Square

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



555280



824644



505C2D



00636B

Rectangle

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



555280



7D4562



505C2D



1B624C

Sweetspot

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



555280



9594A6



527E80



4A4954



D4D4D4



545454

Same Dimension

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



555280



635EA6



6B5280



3A3940



080080



000000

Inverse Universe

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



80527D



A65EA1



678052



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 555280 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

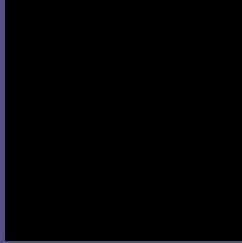
Any Text WCAG AA × Fail

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 555280 Background



This preview shows how black text looks on a background with the Hex color 555280.

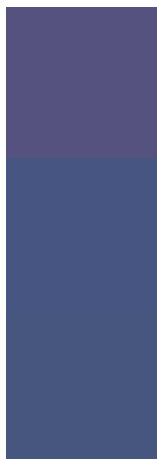


This preview shows how white text looks on a background with the Hex color 555280.

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
555280

Protanopia
475583

Deuteranopia
46567F



Tritanopia
4E5960

Trichromacy



Original Color
555280

Protanomaly
4C5482

Deuteranomaly
4B557F

Tritanomaly
51566C

Monochromacy



Original Color
555280

Achromatopsia
585858

Achromatomaly
575667

CSS Examples

Text

The CSS property to change the color of the text to Hex 555280 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 #555280 looks like.

```
.text, #text, p{  
    color:#555280  
}
```

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 #555280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555280
}
```

Border

The CSS property to change the border of an element to Hex 555280 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
#555280 }
```

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

```
.border{ border-color:#555280 }
```

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

Here you see how a box with a 4 pixel #555280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555280; -webkit-box-shadow:4px 4px  
4px 4px #555280; box-shadow:4px 4px 4px  
4px #555280 }
```

Background

The CSS property to change the background color of an element to Hex 555280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555280 }
```

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

```
.background{ background-color:#555280 }
```

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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