

Converting Colors

Hex(555391)

Have a look what the booklet for
Hex(555391) contains.

Hex(555391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(555391)

Conversions

Conversions Part 1

Format	Color
Hex	555391
RGB	85, 83, 145
RGB Percent	33%, 33%, 57%
CMY	0.6667, 0.6745, 0.4314
CMYK	0.41, 0.43, 0.00, 0.43
HSL	242°, 27%, 45%
HSV	242°, 43%, 57%
XYZ	11.9504, 10.1621, 28.1197
YIQ	90.6660, -18.7100, 19.7060

Conversions

Conversions Part 2

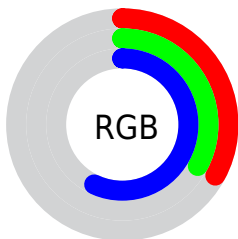
Format	Color
R_{YB}	85, 83, 145
Decimal	5591953
CIE _{Lab}	38.13, 17.16, -34.03
CIE _{LCh}	38, 38.115, 296.757
Yxy	10.1621, 0.2379, 0.2023
Android (android.graphics.Color)	4283782033 (0xFF555391)
YUV	90.6660, 26.7867, -4.9691
Hunter-Lab	31.8781, 11.1290, -29.9851

Details

The Hex color **555391** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F9153**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8984C7**, and **22265E** is the 20% darker color. If you saturate the color by 10%, you get **474591**, and if you desaturate by 10%, it is **636291**.

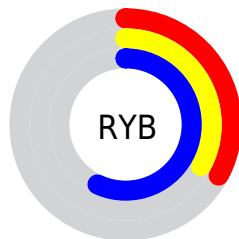
Distribution



Red (33%)

Green (33%)

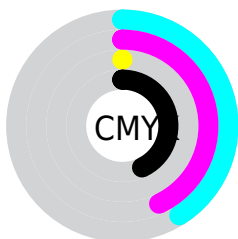
Blue (57%)



Red (33%)

Yellow (33%)

Blue (57%)

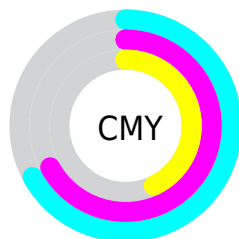


Cyan (41%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555391 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 555391 by changing the saturation by 10% instead.

■ 555391

■ 555391

FFFFFF

■ 3C3C77

■ 8984C7

■ 22265E

■ A49FE3

■ 021246

■ C0B9FF

■ 00002F

■ DDD5FF

■ 00011A

■ FAF2FF

■ 000000

■ 555391

■ 555391

■ 474591

■ 636291

■ 393691

■ 717091

■ 2B2791

■ 7F7F91

■ 1D1991

■ 8D8D91

■ 0F0B91

■ 9B9B91

■ 050091

■ A9AA91

■ B7B991

■ C5C791

■ D3D591

Harmonies

Analogous

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



005E97



555391



7C467C

Triad

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



555391



854B26



006955

Complementary

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



555391



8F9153

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.



266636



555391



6D5718

Square

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



555391



914140



4F601F



006975

Rectangle

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



555391



8B4069



4F601F



00684B

Sweetspot

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



555391



A5A4BD



539091



504F5E



DEDEDE



5E5E5E

Same Dimension

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



555391



605CBD



735391



404047



040087



000008

Inverse Universe

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



91538F



BD5CBA



719153



474047



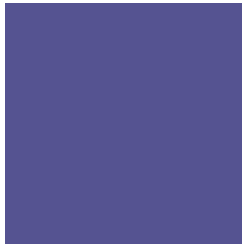
870083



080007

Previews

White Background



This preview shows how the Hex color 555391 looks on a white background.

Color Contrast Check

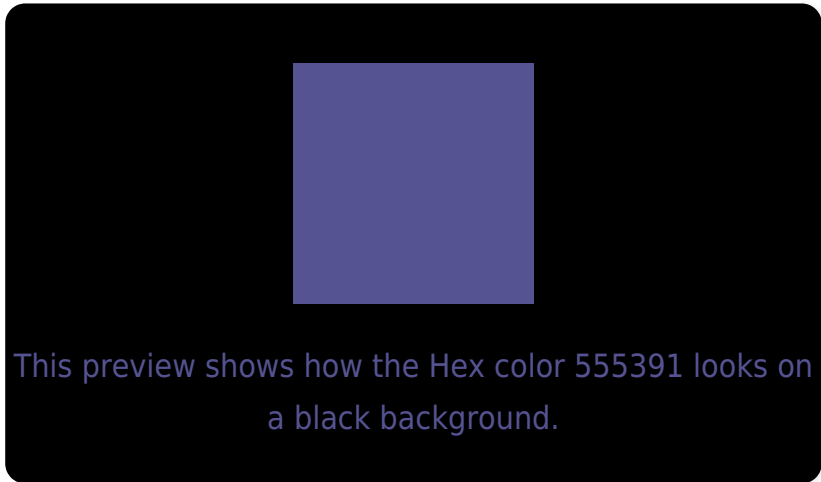
Large Text (above 18pt) WCAG AA ✓ Pass

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

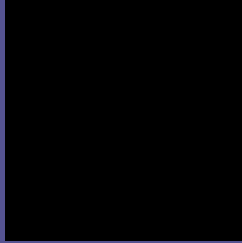
Any Text WCAG AA × Fail

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 555391 Background



This preview shows how black text looks on a background with the Hex color 555391.

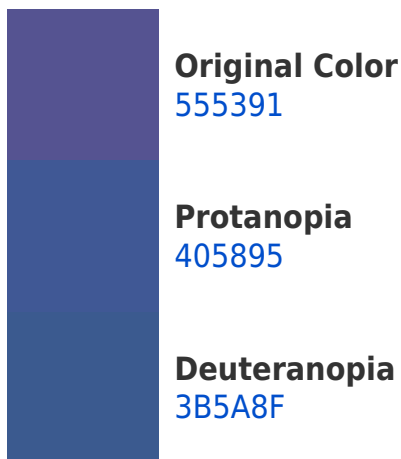


This preview shows how white text looks on a background with the Hex color 555391.

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
4A5D64

Trichromacy



Original Color
555391

Protanomaly
485694

Deuteranomaly
445790

Tritanomaly
4E5974

Monochromacy



Original Color
555391

Achromatopsia
5B5B5B

Achromatomaly
59586F

CSS Examples

Text

The CSS property to change the color of the text to Hex 555391 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 #555391 looks like.

```
.text, #text, p{  
    color:#555391  
}
```

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 #555391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555391
}
```

Border

The CSS property to change the border of an element to Hex 555391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

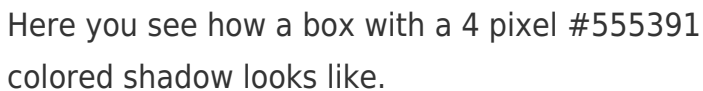
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555391 }
```

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

```
.border{ border-color:#555391 }
```

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



Here you see how a box with a 4 pixel #555391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555391; -webkit-box-shadow:4px 4px  
4px 4px #555391; box-shadow:4px 4px 4px  
4px #555391 }
```

Background

The CSS property to change the background color of an element to Hex 555391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555391 }
```

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

```
.background{ background-color:#555391 }
```

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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