

Converting Colors

Hex(553E87)

Have a look what the booklet for
Hex(553E87) contains.

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Color

Hex(553E87)

Conversions

Conversions Part 1

Format	Color
Hex	553E87
RGB	85, 62, 135
RGB Percent	33%, 24%, 53%
CMY	0.6667, 0.7569, 0.4706
CMYK	0.37, 0.54, 0.00, 0.47
HSL	259°, 37%, 39%
HSV	259°, 54%, 53%
XYZ	9.8421, 7.1258, 23.7784
YIQ	77.1990, -9.7250, 27.5790

Conversions

Conversions Part 2

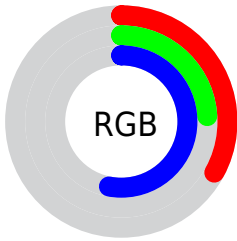
Format	Color
R_{YB}	85, 62, 135
Decimal	5586567
CIE _{Lab}	32.09, 27.50, -37.52
CIE _{LCh}	32, 46.523, 306.239
Yxy	7.1258, 0.2415, 0.1749
Android (android.graphics.Color)	4283776647 (0xFF553E87)
YUV	77.1990, 28.4959, 6.8415
Hunter-Lab	26.6942, 19.0977, -34.1277

Details

The Hex color **553E87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70873E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **896EBD**, and **221255** is the 20% darker color. If you saturate the color by 10%, you get **4C3187**, and if you desaturate by 10%, it is **5E4C87**.

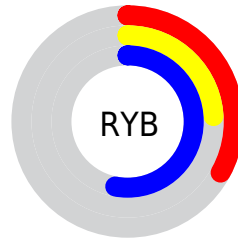
Distribution



Red (33%)

Green (24%)

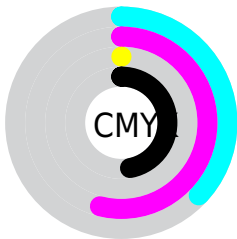
Blue (53%)



Red (33%)

Yellow (24%)

Blue (53%)

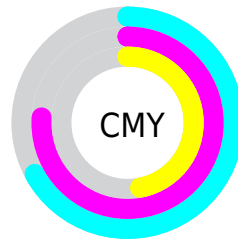


Cyan (37%)

Magenta (54%)

Yellow (0%)

Black (47%)



Cyan (67%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553E87 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 553E87 by changing the saturation by 10% instead.

■ 553E87

■ 553E87

FFFFFF

■ 3C276D

■ 896EBD

■ 221255

■ A588D9

■ 0B003D

■ C0A2F5

■ 000326

■ DDBDFF

■ 00010F

■ FAD9FF

■ 000000

■ FFF6FF

■ 553E87

■ 553E87

■ 4C3187

■ 5E4C87

■ 432387

■ 675987

■ 391587

■ 716787

■ 300887

■ 7A7487

■ 2B0087

■ 838287

■ 8C8F87

■ 969C87

■ 9FAA87

■ A8B887

Harmonies

Analogous

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



004E95



553E87



7D2B6A

Triad

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



553E87



733F00



005C52

Complementary

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



553E87



70873E

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.



005A2C



553E87



554C00

Square

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



553E87



872D22



2E5505



005B76

Rectangle

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



553E87



892352



2E5505



005C46

Sweetspot

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



553E87



9D94B0



3E7187



4E4859



D9D9D9



595959

Same Dimension

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



553E87



623EB0



783E87



3E3C42



290082



010003

Inverse Universe

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



873E70



B03E8C



4D873E



423C40



820059



030002

Previews

White Background



This preview shows how the Hex color 553E87 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

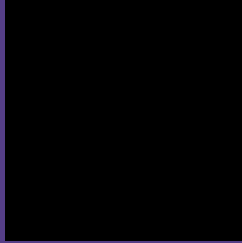
Any Text WCAG AA × Fail

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 553E87 Background



This preview shows how black text looks on a background with the Hex color 553E87.

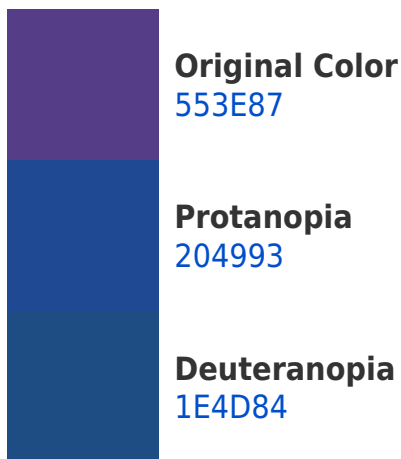


This preview shows how white text looks on a background with the Hex color 553E87.

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
494C52

Trichromacy



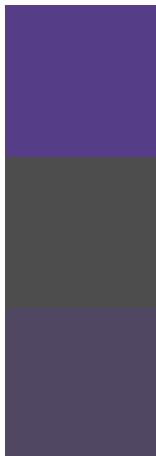
Original Color
553E87

Protanomaly
33458F

Deuteranomaly
324885

Tritanomaly
4D4765

Monochromacy



Original Color
553E87

Achromatopsia
4D4D4D

Achromatomaly
504862

CSS Examples

Text

The CSS property to change the color of the text to Hex 553E87 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 #553E87 looks like.

```
.text, #text, p{  
    color:#553E87  
}
```

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 #553E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553E87
}
```

Border

The CSS property to change the border of an element to Hex 553E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

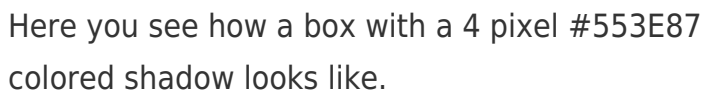
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553E87 }
```

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

```
.border{ border-color:#553E87 }
```

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



Here you see how a box with a 4 pixel #553E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553E87; -webkit-box-shadow:4px 4px  
4px 4px #553E87; box-shadow:4px 4px 4px  
4px #553E87 }
```

Background

The CSS property to change the background color of an element to Hex 553E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553E87 }
```

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

```
.background{ background-color:#553E87 }
```

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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