

Converting Colors

Hex(55557D)

Have a look what the booklet for
Hex(55557D) contains.

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Color

Hex(55557D)

Conversions

Conversions Part 1

Format	Color
Hex	55557D
RGB	85, 85, 125
RGB Percent	33%, 33%, 49%
CMY	0.6667, 0.6667, 0.5098
CMYK	0.32, 0.32, 0.00, 0.51
HSL	240°, 19%, 41%
HSV	240°, 32%, 49%
XYZ	10.6965, 9.9090, 20.7509
YIQ	89.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

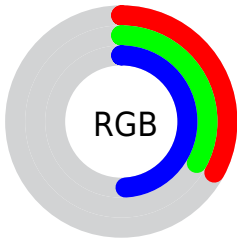
Format	Color
R_{YB}	85, 85, 125
Decimal	5592445
CIE _{Lab}	37.68, 10.03, -22.55
CIE _{LCh}	38, 24.675, 293.977
Yxy	9.9090, 0.2586, 0.2396
Android (android.graphics.Color)	4283782525 (0xFF55557D)
YUV	89.5600, 17.4719, -3.9991
Hunter-Lab	31.4785, 5.5674, -17.0495

Details

The Hex color **55557D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D7D55**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8887B2**, and **25284C** is the 20% darker color. If you saturate the color by 10%, you get **49497D**, and if you desaturate by 10%, it is **62627D**.

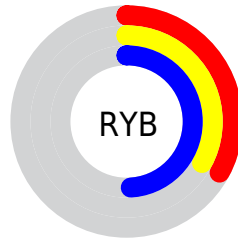
Distribution



Red (33%)

Green (33%)

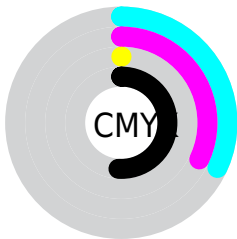
Blue (49%)



Red (33%)

Yellow (33%)

Blue (49%)

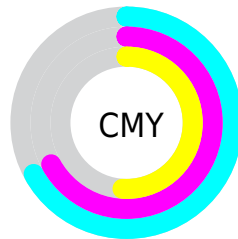


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55557D 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 55557D by changing the saturation by 10% instead.

■ 55557D

■ 55557D

FFFFFF

■ 3D3E64

■ 8887B2

■ 25284C

■ A2A1CD

■ 0E1435

■ BEBCEA

■ 000220

■ DAD7FF

■ 000003

■ F6F4FF

■ 000000

■ 55557D

■ 55557D

■ 49497D

■ 62627D

■ 3C3C7D

■ 6E6E7D

■ 30307D

■ 7A7A7D

■ 23237D

■ 87877D

■ 17177D

■ 93937D

■ 0A0A7D

■ A0A07D

■ 00007D

■ ACAC7D

■ B9B97D

■ C6C67D

Harmonies

Analogous

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



345C80



55557D



6E4E70

Triad

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



5557D



784F39



226354

Complementary

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



55557D



7D7D55

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.



3E6141



55557D



695631

Square

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



5557D



7F4A4A



55C34



006368

Rectangle

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



55557D



794A64



555C34



2C634D

Sweetspot

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



55557D



9393A3



557D7D



484852



D1D1D1



525252

Same Dimension

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



55557D



6565A3



69557D



393940



000080



000000

Inverse Universe

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



7D557D



A365A3



697D55



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 55557D looks on a white background.

Color Contrast Check

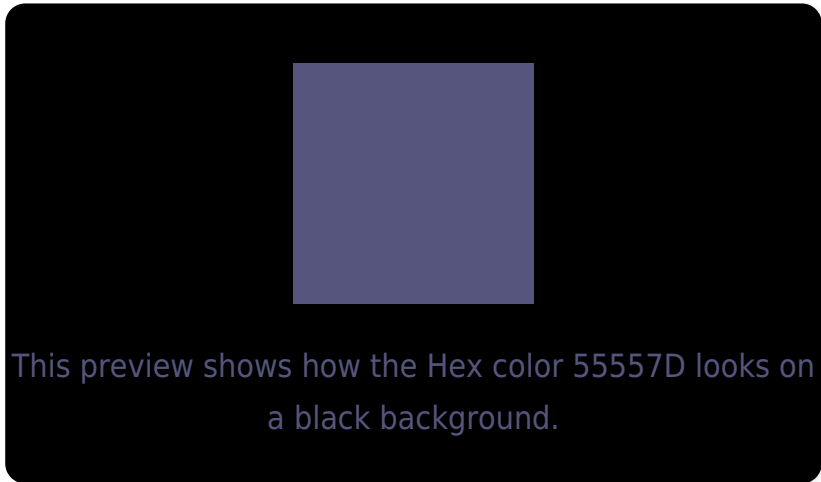
Large Text (above 18pt) WCAG AA ✓ Pass

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

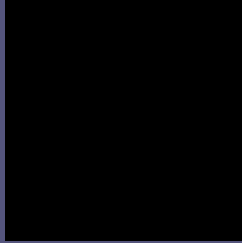
Any Text WCAG AA × Fail

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 55557D Background



This preview shows how black text looks on a background with the Hex color 55557D.



This preview shows how white text looks on a background with the Hex color 55557D.

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
55557D

Protanopia
4C577F

Deuteranopia
4C587C



Tritanopia
4F5A62

Trichromacy



Original Color
55557D

Protanomaly
4F567E

Deuteranomaly
4F577C

Tritanomaly
51586C

Monochromacy



Original Color
55557D

Achromatopsia
5A5A5A

Achromatomaly
585867

CSS Examples

Text

The CSS property to change the color of the text to Hex 55557D 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 #55557D looks like.

```
.text, #text, p{  
    color:#55557D  
}
```

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 #55557D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55557D
}
```

Border

The CSS property to change the border of an element to Hex 55557D is called "border". The border property can be set on classes, ids or directly on the HTML element.

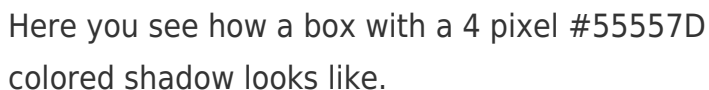
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55557D }
```

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

```
.border{ border-color:#55557D }
```

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



Here you see how a box with a 4 pixel #55557D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55557D; -webkit-box-shadow:4px 4px  
4px 4px #55557D; box-shadow:4px 4px 4px  
4px #55557D }
```

Background

The CSS property to change the background color of an element to Hex 55557D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55557D }
```

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

```
.background{ background-color:#55557D }
```

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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