

Converting Colors

Hex(557D70)

Have a look what the booklet for
Hex(557D70) contains.

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Color

Hex(557D70)

Conversions

Conversions Part 1

Format	Color
Hex	557D70
RGB	85, 125, 112
RGB Percent	33%, 49%, 44%
CMY	0.6667, 0.5098, 0.5608
CMYK	0.32, 0.00, 0.10, 0.51
HSL	160°, 19%, 41%
HSV	160°, 32%, 49%
XYZ	14.0046, 17.7684, 18.0208
YIQ	111.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

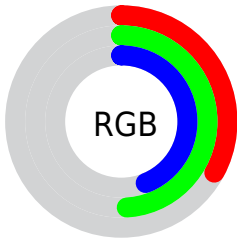
Format	Color
R_{YB}	85, 109, 125
Decimal	5602672
CIE _{Lab}	49.21, -17.01, 2.63
CIE _{LCh}	49, 17.210, 171.210
Yxy	17.7684, 0.2813, 0.3568
Android (android.graphics.Color)	4283792752 (0xFF557D70)
YUV	111.5580, 0.2179, -23.2914
Hunter-Lab	42.1526, -14.4630, 4.1596

Details

The Hex color **557D70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5562**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **88B2A4**, and **254C40** is the 20% darker color. If you saturate the color by 10%, you get **497D6C**, and if you desaturate by 10%, it is **627D74**.

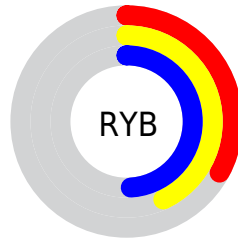
Distribution



Red (33%)

Green (49%)

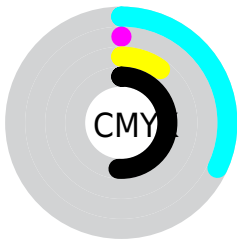
Blue (44%)



Red (33%)

Yellow (43%)

Blue (49%)

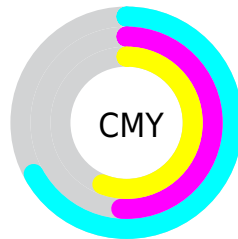


Cyan (32%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557D70 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 557D70 by changing the saturation by 10% instead.

■ 557D70

■ 557D70

FFFFFF

■ 3D6458

■ 88B2A4

■ 254C40

■ A3CDBF

■ 0D352A

■ BEEADB

■ 002016

■ DAFFF7

■ 000000

■ F7FFFF

■ 557D70

■ 557D70

■ 497D6C

■ 627D74

■ 3C7D68

■ 6E7D78

■ 307D64

■ 7A7D7C

■ 237D60

■ 877D80

■ 177D5C

■ 937D84

■ 0A7D58

■ A07D88

■ 007D54

■ AC7D8C

■ B97D91

■ C67D95

Harmonies

Analogous

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



647B62



557D70



4C7D7F

Triad

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



557D70



727390



8F6E5F

Complementary

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



557D70



7D5562

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.



936B6B



557D70



846E87

Square

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



557D70



5E7891



8F6B7A



847358

Rectangle

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



557D70



4D7C88



8F6B7A



916D62

Sweetspot

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



557D70



93A39E



627D55



48524E



D1D1D1



525252

Same Dimension

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



557D70



65A38F



55767D



39403E



008056



000000

Inverse Universe

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



7D5562



A36579



7D5C55



40393B



800029



000000

Previews

White Background



This preview shows how the Hex color 557D70 looks on a white background.

Color Contrast Check

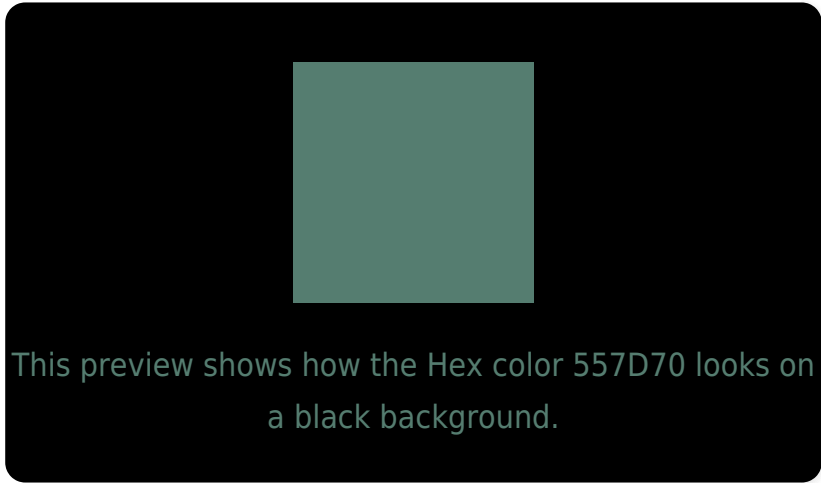
Large Text (above 18pt) WCAG AA ✓ Pass

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

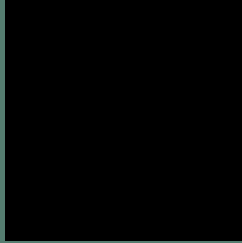
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 557D70 Background



This preview shows how black text looks on a background with the Hex color 557D70.

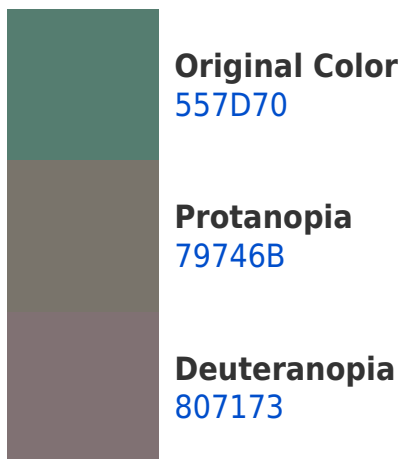



This preview shows how white text looks on a background with the Hex color 557D70.

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](#).

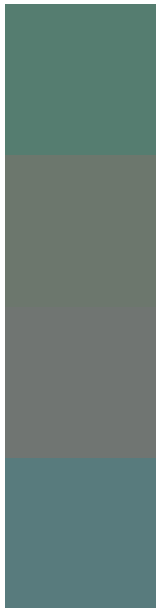
Dichromacy





Tritanopia
597A84

Trichromacy



Original Color
557D70

Protanomaly
6C776D

Deuteranomaly
707572

Tritanomaly
587B7D

Monochromacy



Original Color
557D70

Achromatopsia
707070

Achromatomaly
667570

CSS Examples

Text

The CSS property to change the color of the text to Hex 557D70 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 #557D70 looks like.

```
.text, #text, p{  
    color:#557D70  
}
```

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 #557D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557D70
}
```

Border

The CSS property to change the border of an element to Hex 557D70 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
#557D70 }
```

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

```
.border{ border-color:#557D70 }
```

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

Here you see how a box with a 4 pixel #557D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557D70; -webkit-box-shadow:4px 4px  
4px 4px #557D70; box-shadow:4px 4px 4px  
4px #557D70 }
```

Background

The CSS property to change the background color of an element to Hex 557D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557D70 }
```

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

```
.background{ background-color:#557D70 }
```

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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