

Converting Colors

Hex(507070)

Have a look what the booklet for
Hex(507070) contains.

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Color

Hex(507070)

Conversions

Conversions Part 1

Format	Color
Hex	507070
RGB	80, 112, 112
RGB Percent	31%, 44%, 44%
CMY	0.6863, 0.5608, 0.5608
CMYK	0.29, 0.00, 0.00, 0.56
HSL	180°, 17%, 38%
HSV	180°, 29%, 44%
XYZ	12.0271, 14.4637, 17.4871
YIQ	102.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

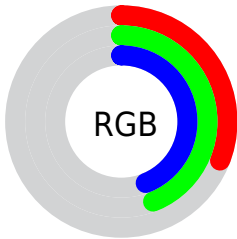
Format	Color
RYB	80, 96, 112
Decimal	5271664
CIELab	44.89, -11.44, -3.73
CIElCh	45, 12.031, 198.058
Yxy	14.4637, 0.2735, 0.3289
Android (android.graphics.Color)	4283461744 (0xFF507070)
YUV	102.4320, 4.7170, -19.6729
Hunter-Lab	38.0311, -10.1052, -0.6404

Details

The Hex color **507070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **705050**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **82A4A4**, and **214040** is the 20% darker color. If you saturate the color by 10%, you get **457070**, and if you desaturate by 10%, it is **5B7070**.

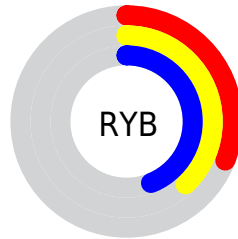
Distribution



Red (31%)

Green (44%)

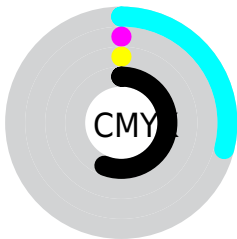
Blue (44%)



Red (31%)

Yellow (38%)

Blue (44%)

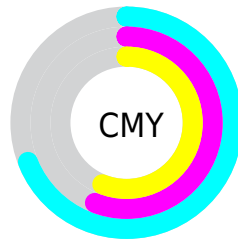


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507070 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 507070 by changing the saturation by 10% instead.

■ 507070

■ 507070

FFFFFF

■ 385858

■ 82A4A4

■ 214040

■ 9DBFBF

■ 092A2A

■ B8DBDB

■ 001616

■ D4F7F7

■ 000000

■ F0FFFF

■ 507070

■ 507070

■ 457070

■ 5B7070

■ 3A7070

■ 667070

■ 2E7070

■ 727070

■ 237070

■ 7D7070

■ 187070

■ 887070

■ 0D7070

■ 937070

■ 027070

■ 9E7070

■ 007070

■ AA7070

■ B57070

Harmonies

Analogous

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



567066



507070



516F79

Triad

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



507070



736678



766857

Complementary

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



507070



705050

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.



7D655C



507070



7C646F

Square

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



507070



67697D



7F6364



6C6B57

Rectangle

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



507070



576D7C



7F6364



796758

Sweetspot

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



507070



849191



507050



424A4A



C9C9C9



4A4A4A

Same Dimension

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



507070



609191



506070



323838



007878



00F7F7

Inverse Universe

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



705070



916091



706050



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 507070 looks on a white background.

Color Contrast Check

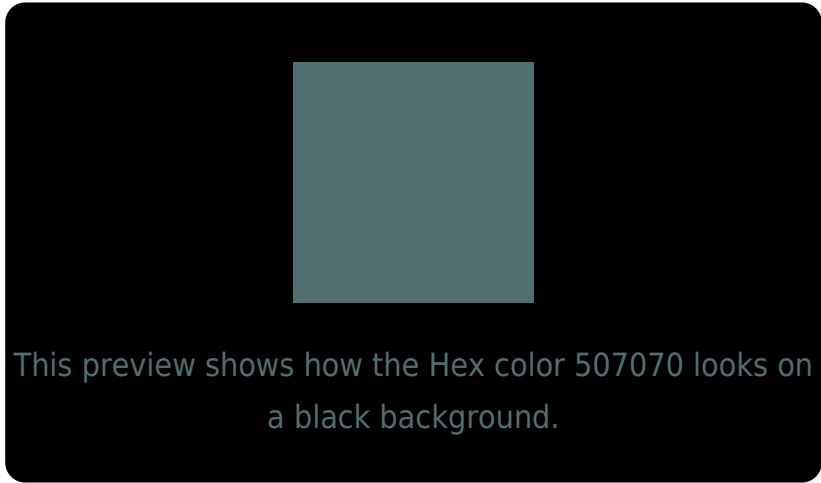
Large Text (above 18pt) WCAG AA ✓ Pass

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

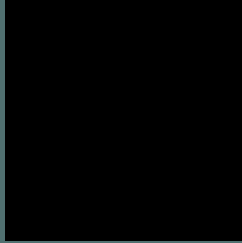
Any Text WCAG AA × Fail

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 507070 Background



This preview shows how black text looks on a background with the Hex color 507070.

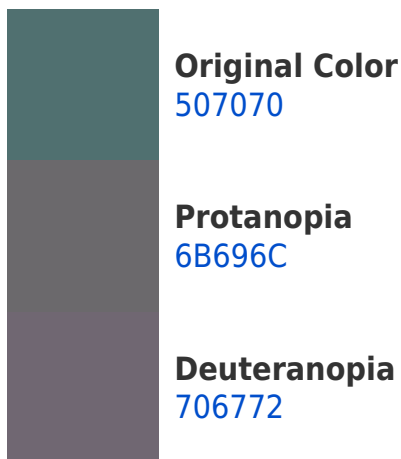



This preview shows how white text looks on a background with the Hex color 507070.

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
526F78

Trichromacy



Original Color
507070

Protanomaly
616C6D

Deuteranomaly
646A71

Tritanomaly
516F75

Monochromacy



Original Color
507070

Achromatopsia
666666

Achromatomaly
5E6A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 507070 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 #507070 looks like.

```
.text, #text, p{  
    color:#507070  
}
```

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 #507070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507070
}
```

Border

The CSS property to change the border of an element to Hex 507070 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
#507070 }
```

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

```
.border{ border-color:#507070 }
```

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

Here you see how a box with a 4 pixel #507070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507070; -webkit-box-shadow:4px 4px  
4px 4px #507070; box-shadow:4px 4px 4px  
4px #507070 }
```

Background

The CSS property to change the background color of an element to Hex 507070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507070 }
```

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

```
.background{ background-color:#507070 }
```

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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