

Converting Colors

Hex(505755)

Have a look what the booklet for
Hex(505755) contains.

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Color

Hex(505755)

Conversions

Conversions Part 1

Format	Color
Hex	505755
RGB	80, 87, 85
RGB Percent	31%, 34%, 33%
CMY	0.6863, 0.6588, 0.6667
CMYK	0.08, 0.00, 0.02, 0.66
HSL	163°, 4%, 33%
HSV	163°, 8%, 34%
XYZ	8.3562, 9.1777, 9.9254
YIQ	84.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

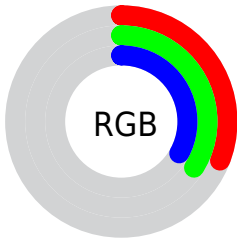
Format	Color
RYB	80, 84, 87
Decimal	5265237
CIELab	36.32, -3.21, 0.20
CIELCh	36, 3.215, 176.364
Yxy	9.1777, 0.3043, 0.3342
Android (android.graphics.Color)	4283455317 (0xFF505755)
YUV	84.6790, 0.1583, -4.1035
Hunter-Lab	30.2948, -3.7806, 1.7813




Details

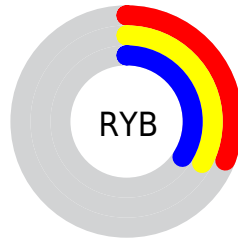
The Hex color **505755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575052**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **818987**, and **242A28** is the 20% darker color. If you saturate the color by 10%, you get **475753**, and if you desaturate by 10%, it is **595757**.

Distribution







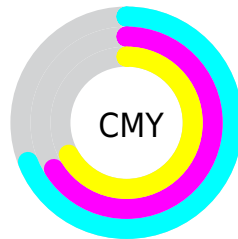
-  Red (31%)
-  Green (34%)
-  Blue (33%)






-  Red (31%)
-  Yellow (33%)
-  Blue (34%)



-  Cyan (8%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (66%)



-  Cyan (69%)
-  Magenta (66%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505755 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 505755 by changing the saturation by 10% instead.

■ 505755

■ 505755

FFFFFF

■ 39403E

■ 818987

■ 242A28

■ 9BA3A1

■ 0E1514

■ B6BEBE

■ 000000

■ D2DAD7

■ EE6F64

■ 505755

■ 505755

■ 475753

■ 595757

■ 3F5750

■ 61575A

■ 36574E

■ 6A575C

■ 2D574B

■ 73575F

■ 255749

■ 7C5761

■ 1C5746

■ 845764

■ 135744

■ 8D5766

■ 0A5741

■ 965769

■ 02573F

■ 9E576B

Harmonies

Analogous

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



525753



505755



4F5758

Triad

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



505755



56555A



5A5451

Complementary

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



505755



575052

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.



5B5453



505755



595458

Square

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



505755



53565A



5B5456



585550

Rectangle

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



505755



505759



5B5456



5B5452

Sweetspot

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



505755



6E7070



525750



373838



B8B8B8



383838

Same Dimension

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



505755



65706D



505657



272B2A



006B4C



00EBA8

Inverse Universe

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



575052



706568



575150



2B2728



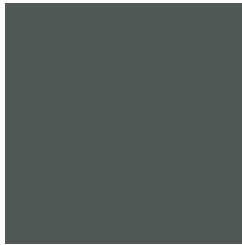
6B001F



EB0043

Previews

White Background



This preview shows how the Hex color 505755 looks on a white background.

Color Contrast Check

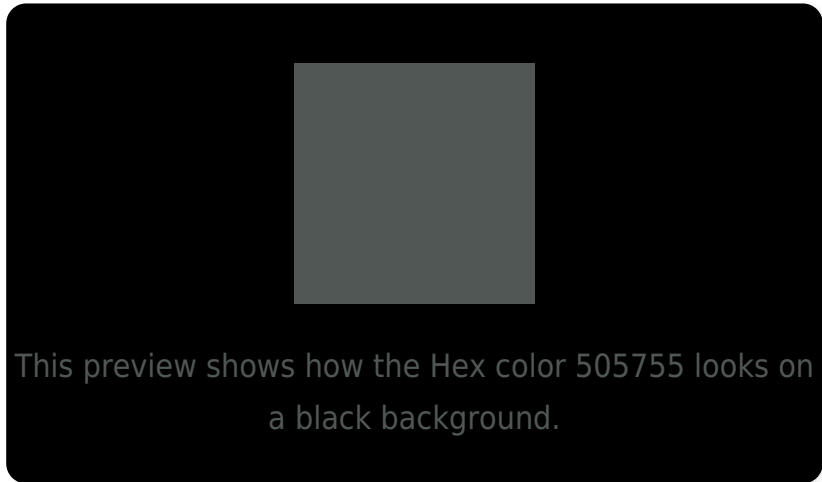
Large Text (above 18pt) WCAG AA ✓ Pass

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

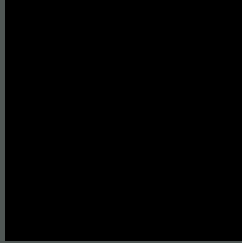
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

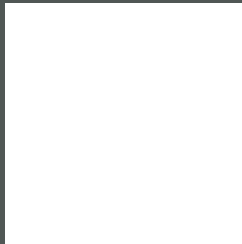
Any Text WCAG AAA × Fail

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

Hex 505755 Background



This preview shows how black text looks on a background with the Hex color 505755.

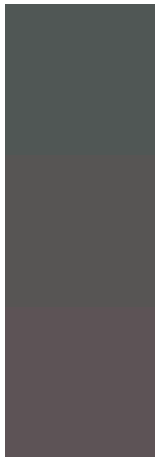


This preview shows how white text looks on a background with the Hex color 505755.

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
505755

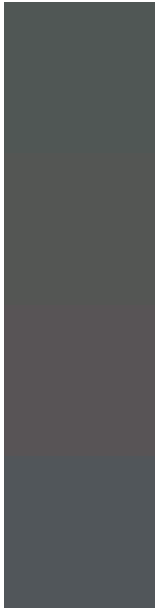
Protanopia
575554

Deuteranopia
5D5356



Tritanopia
51565D

Trichromacy



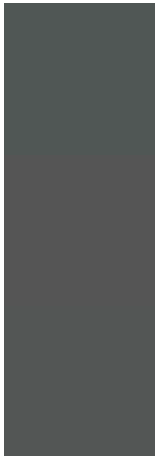
Original Color
505755

Protanomaly
545654

Deuteranomaly
585456

Tritanomaly
51565A

Monochromacy



Original Color
505755

Achromatopsia
555555

Achromatomaly
535655

CSS Examples

Text

The CSS property to change the color of the text to Hex 505755 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 #505755 looks like.

```
.text, #text, p{  
    color:#505755  
}
```

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 #505755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505755
}
```

Border

The CSS property to change the border of an element to Hex 505755 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
#505755 }
```

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

```
.border{ border-color:#505755 }
```

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

Here you see how a box with a 4 pixel #505755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505755; -webkit-box-shadow:4px 4px  
4px 4px #505755; box-shadow:4px 4px 4px  
4px #505755 }
```

Background

The CSS property to change the background color of an element to Hex 505755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505755 }
```

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

```
.background{ background-color:#505755 }
```

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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