

Converting Colors

Hex(515775)

Have a look what the booklet for
Hex(515775) contains.

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Color

Hex(515775)

Conversions

Conversions Part 1

Format	Color
Hex	515775
RGB	81, 87, 117
RGB Percent	32%, 34%, 46%
CMY	0.6824, 0.6588, 0.5412
CMYK	0.31, 0.26, 0.00, 0.54
HSL	230°, 18%, 39%
HSV	230°, 31%, 46%
XYZ	10.0124, 9.8501, 18.2032
YIQ	88.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

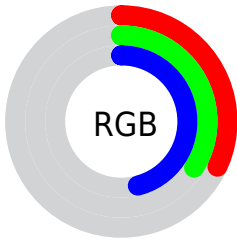
Format	Color
R_{YB}	81, 86, 117
Decimal	5330805
CIE Lab	37.57, 5.23, -17.81
CIE LCh	38, 18.563, 286.353
Yxy	9.8501, 0.2630, 0.2588
Android (android.graphics.Color)	4283520885 (0xFF515775)
YUV	88.6260, 13.9884, -6.6880
Hunter-Lab	31.3848, 2.0218, -12.4188

Details

The Hex color **515775** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **756F51**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8389A9**, and **222A45** is the 20% darker color. If you saturate the color by 10%, you get **454D75**, and if you desaturate by 10%, it is **5D6175**.

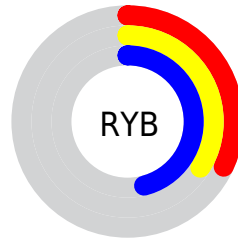
Distribution



Red (32%)

Green (34%)

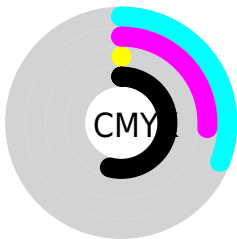
Blue (46%)



Red (32%)

Yellow (34%)

Blue (46%)

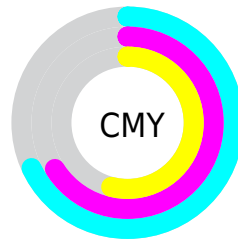


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515775 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 515775 by changing the saturation by 10% instead.

■ 515775

■ 515775

FFFFFF

■ 39405C

■ 8389A9

■ 222A45

■ 9EA3C4

■ 0C162E

■ B9BEE0

■ 00011A

■ D5DAFD

■ 000000

■ F1F6FF

■ 515775

■ 515775

■ 454D75

■ 5D6175

■ 3A4475

■ 686A75

■ 2E3A75

■ 747475

■ 223075

■ 807E75

■ 162675

■ 8B8875

■ 0B1D75

■ 979275

■ 001475

■ A39B75

■ AFA575

■ BAAF75

Harmonies

Analogous

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



3B5C75



515775



65526D

Triad

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



515775



735043



386051

Complementary

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



515775



756F51

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.



4A5E43



515775



69553C

Square

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



515775



774D51



5B5A3B



2B6160

Rectangle

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



515775



6E4F65



5B5A3B



3E604C

Sweetspot

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



515775



8B8E99



51756F



44454D



CCCCCC



4D4D4D

Same Dimension

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



515775



606A99



5D5175



35363B



00147A



002AFA

Inverse Universe

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



755157



99606A



697551



3B3536



7A0014



FA002A

Previews

White Background



This preview shows how the Hex color 515775 looks on a white background.

Color Contrast Check

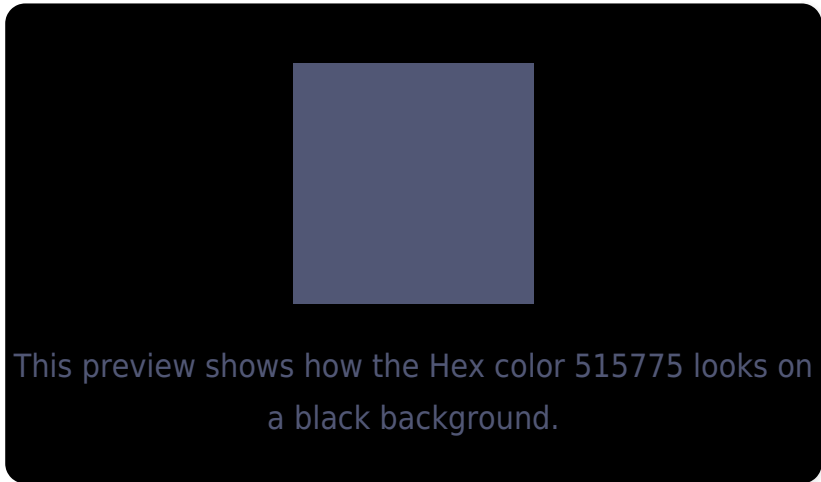
Large Text (above 18pt) WCAG AA ✓ Pass

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

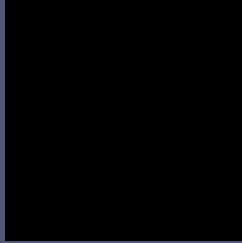
Any Text WCAG AA × Fail

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 515775 Background



This preview shows how black text looks on a background with the Hex color 515775.

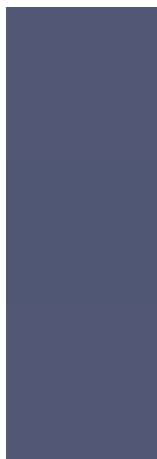


This preview shows how white text looks on a background with the Hex color 515775.

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](#).

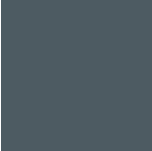
Dichromacy



Original Color
515775

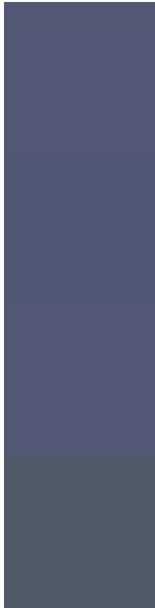
Protanopia
505775

Deuteranopia
515775



Tritanopia
4D5B62

Trichromacy



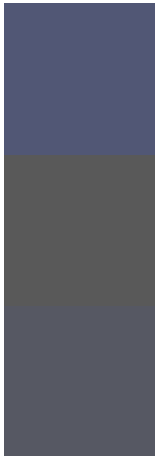
Original Color
515775

Protanomaly
505775

Deuteranomaly
515775

Tritanomaly
4E5A69

Monochromacy



Original Color
515775

Achromatopsia
595959

Achromatomaly
565863

CSS Examples

Text

The CSS property to change the color of the text to Hex 515775 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 #515775 looks like.

```
.text, #text, p{  
    color:#515775  
}
```

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 #515775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515775
}
```

Border

The CSS property to change the border of an element to Hex 515775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

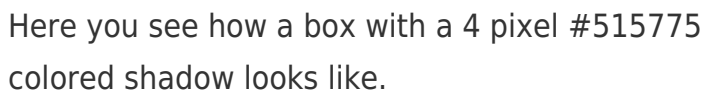
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515775 }
```

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

```
.border{ border-color:#515775 }
```

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



Here you see how a box with a 4 pixel #515775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515775; -webkit-box-shadow:4px 4px  
4px 4px #515775; box-shadow:4px 4px 4px  
4px #515775 }
```

Background

The CSS property to change the background color of an element to Hex 515775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515775 }
```

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

```
.background{ background-color:#515775 }
```

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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