

Converting Colors

Hex(5E6487)

Have a look what the booklet for
Hex(5E6487) contains.

Hex(5E6487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E6487)

Conversions

Conversions Part 1

Format	Color
Hex	5E6487
RGB	94, 100, 135
RGB Percent	37%, 39%, 53%
CMY	0.6314, 0.6078, 0.4706
CMYK	0.30, 0.26, 0.00, 0.47
HSL	231°, 18%, 45%
HSV	231°, 30%, 53%
XYZ	13.5464, 13.2433, 24.7639
YIQ	102.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

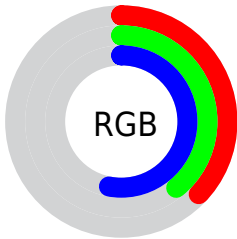
Format	Color
R_{YB}	94, 99, 135
Decimal	6186119
CIE Lab	43.13, 6.32, -20.14
CIE LCh	43, 21.104, 287.412
Yxy	13.2433, 0.2628, 0.2569
Android (android.graphics.Color)	4284376199 (0xFF5E6487)
YUV	102.1960, 16.1724, -7.1879
Hunter-Lab	36.3913, 2.7606, -14.8723

Details

The Hex color **5E6487** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87815E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9197BC**, and **2E3655** is the 20% darker color. If you saturate the color by 10%, you get **515887**, and if you desaturate by 10%, it is **6C7087**.

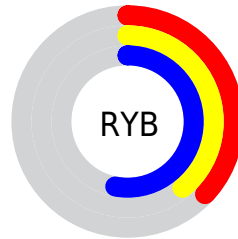
Distribution



Red (37%)

Green (39%)

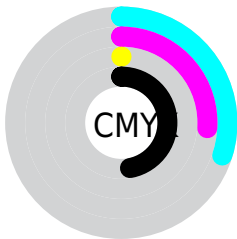
Blue (53%)



Red (37%)

Yellow (39%)

Blue (53%)

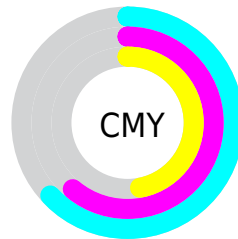


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6487 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 5E6487 by changing the saturation by 10% instead.

■ 5E6487

■ 5E6487

FFFFFF

■ 464C6E

■ 9197BC

■ 2E3655

■ ACB1D8

■ 17203E

■ C8CDF5

■ 010928

■ E4E9FF

■ 000112

■ 000000

■ 5E6487

■ 5E6487

■ 515887

■ 6C7087

■ 434D87

■ 797B87

■ 364187

■ 878787

■ 283687

■ 949287

■ 1B2A87

■ A29E87

■ 0D1F87

■ AFA987

■ 001487

■ BDB587

■ CAC087

■ D8CC87

Harmonies

Analogous

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



446A88



5E6487



755E7E

Triad

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



5E6487



855D4D



406F5E

Complementary

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



5E6487



87815E

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.



546C4E



5E6487



796244

Square

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



5E6487



89595C



686844



2F6F70

Rectangle

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



5E6487



805B74



686844



466E58

Sweetspot

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



5E6487



A0A2B0



5E8781



4F5159



D9D9D9



595959

Same Dimension

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



5E6487



717AB0



6C5E87



3C3D42



001382



000003

Inverse Universe

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



875E64



B0717A



79875E



423C3D



820013



030000

Previews

White Background



This preview shows how the Hex color 5E6487 looks on a white background.

Color Contrast Check

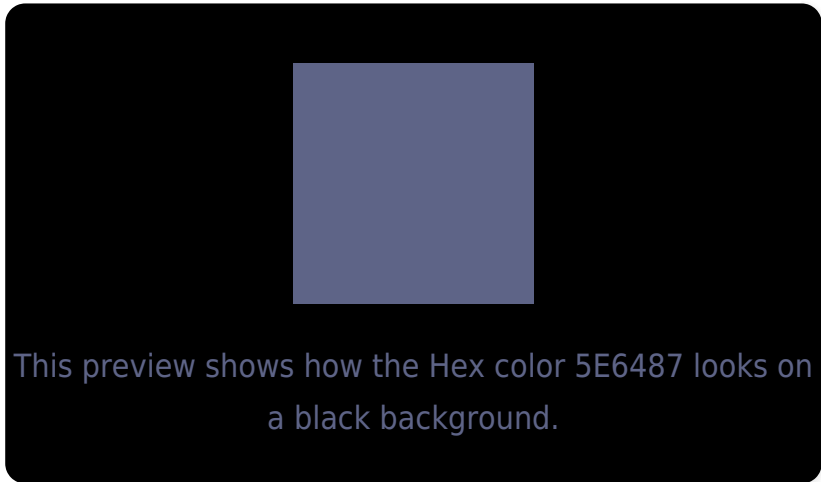
Large Text (above 18pt) WCAG AA ✓ Pass

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

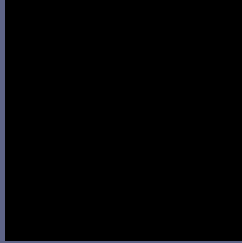
Any Text WCAG AA × Fail

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 5E6487 Background



This preview shows how black text looks on a background with the Hex color 5E6487.



This preview shows how white text looks on a background with the Hex color 5E6487.

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

5E6487

Protanopia

5C6587

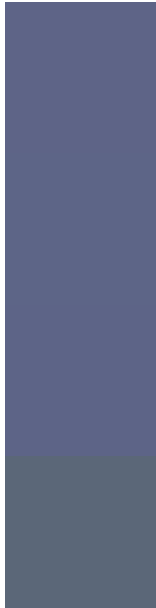
Deuteranopia

5D6487



Tritanopia
596870

Trichromacy



Original Color
5E6487

Protanomaly
5D6587

Deuteranomaly
5D6487

Tritanomaly
5B6778

Monochromacy



Original Color
5E6487

Achromatopsia
666666

Achromatomaly
636572

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6487 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 #5E6487 looks like.

```
.text, #text, p{  
    color:#5E6487  
}
```

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 #5E6487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6487
}
```

Border

The CSS property to change the border of an element to Hex 5E6487 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
#5E6487 }
```

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

```
.border{ border-color:#5E6487 }
```

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

Here you see how a box with a 4 pixel #5E6487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6487; -webkit-box-shadow:4px 4px  
4px 4px #5E6487; box-shadow:4px 4px 4px  
4px #5E6487 }
```

Background

The CSS property to change the background color of an element to Hex 5E6487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6487 }
```

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

```
.background{ background-color:#5E6487 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor