

Converting Colors

Hex(5E6DA5)

Have a look what the booklet for
Hex(5E6DA5) contains.

Hex(5E6DA5)	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(5E6DA5)

Conversions

Conversions Part 1

Format	Color
Hex	5E6DA5
RGB	94, 109, 165
RGB Percent	37%, 43%, 65%
CMY	0.6314, 0.5725, 0.3529
CMYK	0.43, 0.34, 0.00, 0.35
HSL	227°, 28%, 51%
HSV	227°, 43%, 65%
XYZ	16.8763, 16.0336, 37.8026
YIQ	110.8990, -26.9160, 14.2360

Conversions

Conversions Part 2

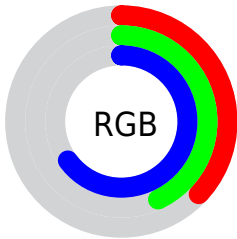
Format	Color
R_{YB}	94, 106, 165
Decimal	6188453
CIE _{Lab}	47.02, 9.40, -31.91
CIE _{LCh}	47, 33.269, 286.406
Yxy	16.0336, 0.2387, 0.2267
Android (android.graphics.Color)	4284378533 (0xFF5E6DA5)
YUV	110.8990, 26.6718, -14.8204
Hunter-Lab	40.0419, 5.1580, -27.9449

Details

The Hex color **5E6DA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5965E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93A0DC**, and **2A3E71** is the 20% darker color. If you saturate the color by 10%, you get **4E60A5**, and if you desaturate by 10%, it is **6E7AA5**.

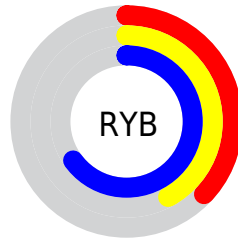
Distribution



Red (37%)

Green (43%)

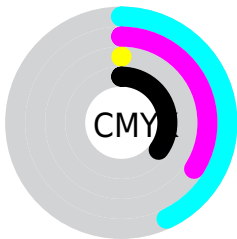
Blue (65%)



Red (37%)

Yellow (42%)

Blue (65%)

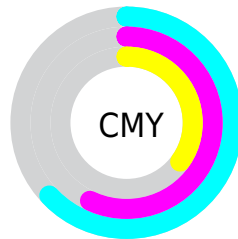


Cyan (43%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6DA5 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 5E6DA5 by changing the saturation by 10% instead.

■ 5E6DA5

■ 5E6DA5

FFFFFF

■ 44558A

■ 93A0DC

■ 2A3E71

■ AFBBF9

■ 0A2858

■ CBD7FF

■ 001440

■ E8F3FF

■ 00032A

■ 000114

■ 000000

■ 5E6DA5

■ 5E6DA5

■ 4E60A5

■ 6E7AA5

■ 3D53A5

■ 7F87A5

■ 2C46A5

■ 8F94A5

■ 1C39A5

■ A0A1A5

■ 0C2CA5

■ B0AEA5

■ 0023A5

■ C1BBA5

■ D2C8A5

■ E2D5A5

■ F3E2A5

Harmonies

Analogous

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



2276A5



5E6DA5



856296

Triad

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



5E6DA5



9E6048



287D61

Complementary

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



5E6DA5



A5965E

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.



527948



5E6DA5



8C6939

Square

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



5E6DA5



A55961



727338



007E7E

Rectangle

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



5E6DA5



975C86



727338



397C58

Sweetspot

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



5E6DA5



BAC0D6



5EA596



5A5E6B



EBEBEB



6B6B6B

Same Dimension

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



5E6DA5



677ED6



725EA5



494B52



001F91



000412

Inverse Universe

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



A55E6D



D6677E



91A55E



52494B



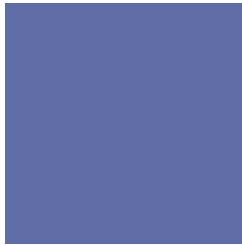
91001F



120004

Previews

White Background



This preview shows how the Hex color 5E6DA5 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



This preview shows how the Hex color 5E6DA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

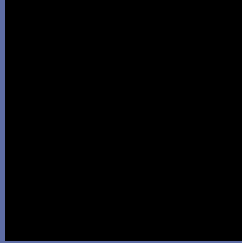
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

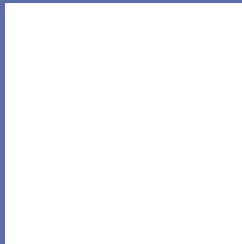
Any Text WCAG AAA × Fail

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

Hex 5E6DA5 Background



This preview shows how black text looks on a background with the Hex color 5E6DA5.



This preview shows how white text looks on a background with the Hex color 5E6DA5.

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
5E6DA5

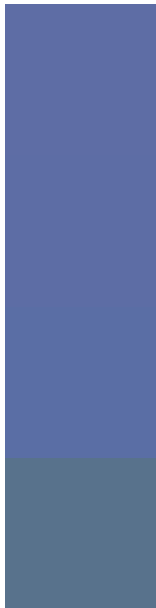
Protanopia
5C6DA5

Deuteranopia
586FA5



Tritanopia
54757E

Trichromacy



Original Color
5E6DA5

Protanomaly
5D6DA5

Deuteranomaly
5A6EA5

Tritanomaly
58728C

Monochromacy



Original Color
5E6DA5

Achromatopsia
6F6F6F

Achromatomaly
696E83

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6DA5 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 #5E6DA5 looks like.

```
.text, #text, p{  
    color:#5E6DA5  
}
```

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 #5E6DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6DA5
}
```

Border

The CSS property to change the border of an element to Hex 5E6DA5 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
#5E6DA5 }
```

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

```
.border{ border-color:#5E6DA5 }
```

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

Here you see how a box with a 4 pixel #5E6DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6DA5; -webkit-box-shadow:4px 4px  
4px 4px #5E6DA5; box-shadow:4px 4px 4px  
4px #5E6DA5 }
```

Background

The CSS property to change the background color of an element to Hex 5E6DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6DA5 }
```

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

```
.background{ background-color:#5E6DA5 }
```

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