

# Converting Colors

Hex(5D6D23)

Have a look what the booklet for  
Hex(5D6D23) contains.

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# Color

**Hex(5D6D23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D6D23
RGB	93, 109, 35
RGB Percent	36%, 43%, 14%
CMY	0.6353, 0.5725, 0.8627
CMYK	0.15, 0.00, 0.68, 0.57
HSL	73°, 51%, 28%
HSV	73°, 68%, 43%
XYZ	10.2862, 13.3858, 3.6317
YIQ	95.7800, 14.2180, -26.4060

# Conversions

## Conversions Part 2

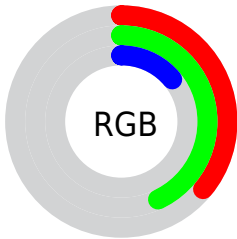
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 109, 51
Decimal	6122787
CIELab	43.34, -17.50, 37.93
CIELCh	43, 41.771, 114.765
Yxy	13.3858, 0.3767, 0.4903
Android (android.graphics.Color)	4284312867 (0xFF5D6D23)
YUV	95.7800, -29.9645, -2.4381
Hunter-Lab	36.5866, -13.8418, 19.7253

# Details

The Hex color **5D6D23** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33236D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **91A054**, and **2D3D00** is the 20% darker color. If you saturate the color by 10%, you get **5B6D18**, and if you desaturate by 10%, it is **5F6D2E**.

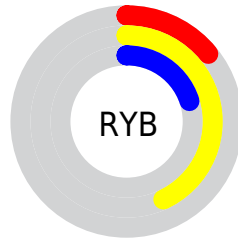
# Distribution



Red (36%)

Green (43%)

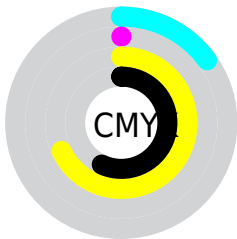
Blue (14%)



Red (14%)

Yellow (43%)

Blue (20%)

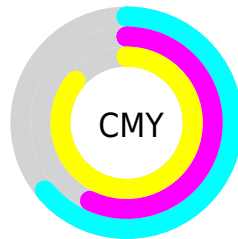


Cyan (15%)

Magenta (0%)

Yellow (68%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6D23 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 5D6D23 by changing the saturation by 10% instead.



5D6D23

5D6D23

FFFFFF

445508

91A054

2D3D00

ADBB6D

142800

C8D787

001400

E5F4A2

000000

FFFFBD

FFFFD9

FFFFF6

5D6D23

5D6D23

■ 5B6D18

■ 5F6D2E

■ 586D0D

■ 626D39

■ 566D02

■ 646D44

■ 556D00

■ 666D4F

■ 696D5A

■ 6B6D64

■ 6D6D6F

■ 706D7A

■ 726D85

# Harmonies

## Analogous

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



7E631D



5D6D23



30743D

# Triad

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



5D6D23



00749E



A2486E

# Complementary

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



5D6D23



33236D

# 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.



8B518F



5D6D23



006CAB

# Square

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



5D6D23



007782



5D60A5



A54A4B

# Rectangle

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



5D6D23



007653



5D60A5



9D4A79



# Sweetspot

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



5D6D23



898F72



6D3223



444736



C7C7C7



474747



# Same Dimension

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



5D6D23



768F1B



396D23



343630



5C7500



C0F500



# Inverse Universe

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



33236D



341B8F



57236D



313036



190075



3500F5



# Previews

## White Background



This preview shows how the Hex color 5D6D23 looks on a white background.

## Color Contrast Check

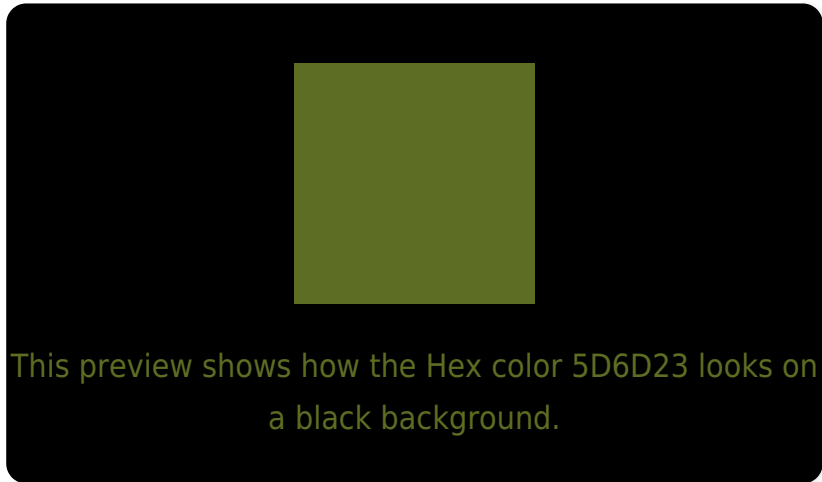
Large Text (above 18pt) WCAG AA ✓ Pass

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

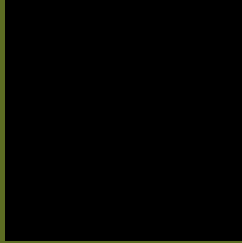
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D6D23 Background



This preview shows how black text looks on a background with the Hex color 5D6D23.



This preview shows how white text looks on a background with the Hex color 5D6D23.

# 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**  
5D6D23

**Protanopia**  
726621

**Deuteranopia**  
7F6127



**Tritanopia**  
65666E

# Trichromacy



**Original Color**  
5D6D23

**Protanomaly**  
6A6922

**Deuteranomaly**  
736526

**Tritanomaly**  
626953

# Monochromacy



**Original Color**  
5D6D23

**Achromatopsia**  
606060

**Achromatomaly**  
5F654A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6D23 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 #5D6D23 looks like.

```
.text, #text, p{  
    color:#5D6D23  
}
```

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 #5D6D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6D23
}
```

## Border

The CSS property to change the border of an element to Hex 5D6D23 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
#5D6D23 }
```

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

```
.border{ border-color:#5D6D23 }
```

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

Here you see how a box with a 4 pixel #5D6D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6D23; -webkit-box-shadow:4px 4px  
4px 4px #5D6D23; box-shadow:4px 4px 4px  
4px #5D6D23 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6D23 }
```

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

```
.background{ background-color:#5D6D23 }
```

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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