

# Converting Colors

Hex(5A6224)

Have a look what the booklet for  
Hex(5A6224) contains.

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**Color**

**Hex(5A6224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A6224
RGB	90, 98, 36
RGB Percent	35%, 38%, 14%
CMY	0.6471, 0.6157, 0.8588
CMYK	0.08, 0.00, 0.63, 0.62
HSL	68°, 46%, 26%
HSV	68°, 63%, 38%
XYZ	8.9026, 11.0364, 3.3301
YIQ	88.5400, 15.1340, -20.9780

# Conversions

## Conversions Part 2

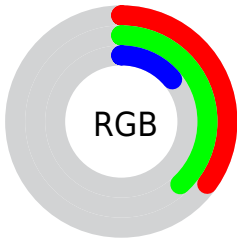
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 98, 44
Decimal	5923364
CIELab	39.64, -12.76, 33.39
CIELCh	40, 35.745, 110.921
Yxy	11.0364, 0.3826, 0.4743
Android (android.graphics.Color)	4284113444 (0xFF5A6224)
YUV	88.5400, -25.9022, 1.2804
Hunter-Lab	33.2211, -10.3025, 17.3115

# Details

The Hex color **5A6224** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C2462**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8E9554**, and **2B3400** is the 20% darker color. If you saturate the color by 10%, you get **59621A**, and if you desaturate by 10%, it is **5B622E**.

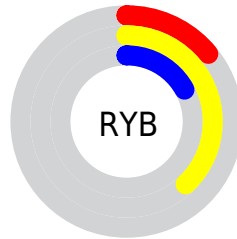
# Distribution



Red (35%)

Green (38%)

Blue (14%)



Red (14%)

Yellow (38%)

Blue (17%)

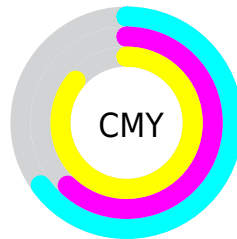


Cyan (8%)

Magenta (0%)

Yellow (63%)

Black (62%)



Cyan (65%)

Magenta (62%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6224 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 5A6224 by changing the saturation by 10% instead.



 5A6224

 5A6224

FFFFFF

 414A0C

 8E9554

 2B3400

 A9AF6D

 121F00

 C4CB86

 000000

 E1E7A1

 FEFFBC

 FFFFD8

 FFFFF5

 5A6224

 5A6224

■ 59621A

■ 5B622E

■ 576210

■ 5D6238

■ 566207

■ 5E6241

■ 556200

■ 5F624B

■ 606255

■ 62625F

■ 636269

■ 646272

■ 65627C

# Harmonies

## Analogous

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



765922



5A6224



376837

# Triad

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



5A6224



00698A



8E4568

# Complementary

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



5A6224



2C2462

# 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.



794E82



5A6224



006397

# Square

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



5A6224



006C71



505994



93454A

# Rectangle

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



5A6224



106B49



505994



894771



# Sweetspot

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



5A6224



7C8067



622B24



3E4031



BFBFBF



404040



# Same Dimension

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



5A6224



73801F



3C6224



30302C



627000



D1F000



# Inverse Universe

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



2C2462



2B1F80



4A2462



2C2C30



0E0070



1F00F0



# Previews

## White Background



This preview shows how the Hex color 5A6224 looks on a white background.

## Color Contrast Check

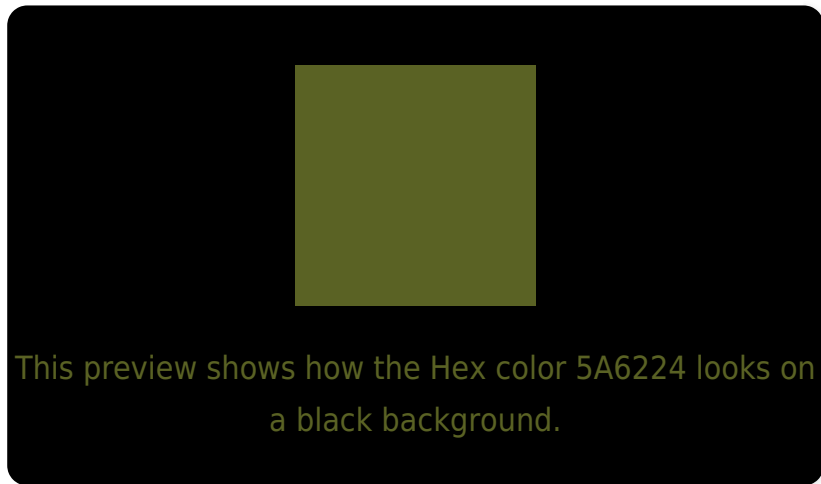
Large Text (above 18pt) WCAG AA ✓ Pass

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

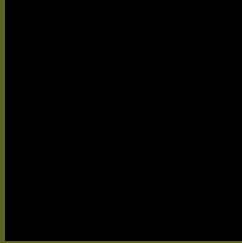
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A6224 Background



This preview shows how black text looks on a background with the Hex color 5A6224.



This preview shows how white text looks on a background with the Hex color 5A6224.

# 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**  
5A6224

**Protanopia**  
685E23

**Deuteranopia**  
745927



**Tritanopia**  
605C63

# Trichromacy



**Original Color**  
5A6224

**Protanomaly**  
635F23

**Deuteranomaly**  
6B5C26

**Tritanomaly**  
5E5E4C

# Monochromacy



**Original Color**  
5A6224

**Achromatopsia**  
595959

**Achromatomaly**  
595C46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6224 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 #5A6224 looks like.

```
.text, #text, p{  
    color:#5A6224  
}
```

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 #5A6224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6224
}
```

## Border

The CSS property to change the border of an element to Hex 5A6224 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
#5A6224 }
```

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

```
.border{ border-color:#5A6224 }
```

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

Here you see how a box with a 4 pixel #5A6224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6224; -webkit-box-shadow:4px 4px  
4px 4px #5A6224; box-shadow:4px 4px 4px  
4px #5A6224 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6224 }
```

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

```
.background{ background-color:#5A6224 }
```

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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