

Converting Colors

Hex(5D6442)

Have a look what the booklet for
Hex(5D6442) contains.

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Color

Hex(5D6442)

Conversions

Conversions Part 1

Format	Color
Hex	5D6442
RGB	93, 100, 66
RGB Percent	36%, 39%, 26%
CMY	0.6353, 0.6078, 0.7412
CMYK	0.07, 0.00, 0.34, 0.61
HSL	72°, 20%, 33%
HSV	72°, 34%, 39%
XYZ	10.0547, 11.8348, 6.9087
YIQ	94.0310, 6.7420, -12.0580

Conversions

Conversions Part 2

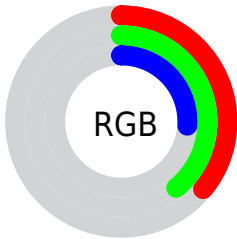
Format	Color
RYB	66, 100, 73
Decimal	6120514
CIELab	40.95, -9.01, 18.42
CIELCh	41, 20.510, 116.066
Yxy	11.8348, 0.3491, 0.4110
Android (android.graphics.Color)	4284310594 (0xFF5D6442)
YUV	94.0310, -13.8193, -0.9042
Hunter-Lab	34.4018, -8.0323, 12.1745

Details

The Hex color **5D6442** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **494264**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **909772**, and **2E3516** is the 20% darker color. If you saturate the color by 10%, you get **5B6438**, and if you desaturate by 10%, it is **5F644C**.

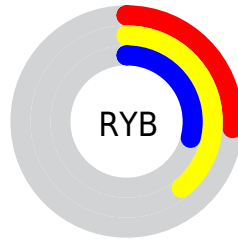
Distribution



Red (36%)

Green (39%)

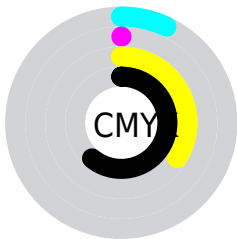
Blue (26%)



Red (26%)

Yellow (39%)

Blue (29%)

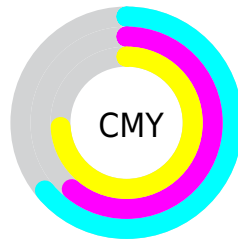


Cyan (7%)

Magenta (0%)

Yellow (34%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6442 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 5D6442 by changing the saturation by 10% instead.



5D6442



5D6442

FFFFFF



454C2C



909772



2E3516



AAB18C



1B2000



C6CDA6



000700



E2E9C2



000000



FFFFDE



FFFFFFA



5D6442



5D6442



5B6438



5F644C

■ 59642E

■ 616456

■ 576424

■ 636460

■ 55641A

■ 65646A

■ 536410

■ 676474

■ 516406

■ 69647E

■ 4F6400

■ 6B6488

■ 6D6492

■ 70649C

Harmonies

Analogous

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



6E5F3F



5D6442



4A684D

Triad

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



5D6442



31677C



805463

Complementary

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



5D6442



494264

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.



745774



5D6442



476382

Square

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



5D6442



2A6A6F



605D7F



825553

Rectangle

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



5D6442



3C6958



605D7F



7D5569

Sweetspot

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



5D6442



7F8275



644942



41423A



C2C2C2



424242

Same Dimension

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



5D6442



77824D



4C6442



32332E



5B7300



C0F200

Inverse Universe

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



494264



584D82



5A4264



2F2E33



180073



3200F2

Previews

White Background



This preview shows how the Hex color 5D6442 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

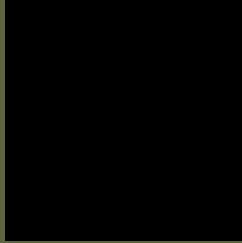
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

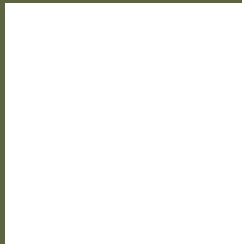
Any Text WCAG AAA × Fail

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

Hex 5D6442 Background



This preview shows how black text looks on a background with the Hex color 5D6442.



This preview shows how white text looks on a background with the Hex color 5D6442.

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
5D6442

Protanopia
696041

Deuteranopia
735C44



Tritanopia
625F67

Trichromacy



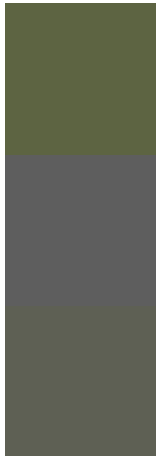
Original Color
5D6442

Protanomaly
656141

Deuteranomaly
6B5F43

Tritanomaly
60615A

Monochromacy



Original Color
5D6442

Achromatopsia
5E5E5E

Achromatomaly
5E6054

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6442 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 #5D6442 looks like.

```
.text, #text, p{  
    color:#5D6442  
}
```

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 #5D6442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6442
}
```

Border

The CSS property to change the border of an element to Hex 5D6442 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
#5D6442 }
```

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

```
.border{ border-color:#5D6442 }
```

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

Here you see how a box with a 4 pixel #5D6442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6442; -webkit-box-shadow:4px 4px  
4px 4px #5D6442; box-shadow:4px 4px 4px  
4px #5D6442 }
```

Background

The CSS property to change the background color of an element to Hex 5D6442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6442 }
```

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

```
.background{ background-color:#5D6442 }
```

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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