

Converting Colors

Hex(5E6435)

Have a look what the booklet for
Hex(5E6435) contains.

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Color

Hex(5E6435)

Conversions

Conversions Part 1

Format	Color
Hex	5E6435
RGB	94, 100, 53
RGB Percent	37%, 39%, 21%
CMY	0.6314, 0.6078, 0.7922
CMYK	0.06, 0.00, 0.47, 0.61
HSL	68°, 31%, 30%
HSV	68°, 47%, 39%
XYZ	9.8159, 11.7511, 5.1190
YIQ	92.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

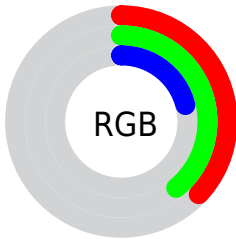
Format	Color
RYB	53, 100, 59
Decimal	6186037
CIELab	40.82, -10.32, 25.78
CIELCh	41, 27.767, 111.816
Yxy	11.7511, 0.3678, 0.4403
Android (android.graphics.Color)	4284376117 (0xFF5E6435)
YUV	92.8480, -19.6451, 1.0103
Hunter-Lab	34.2798, -8.8771, 15.1421

Details

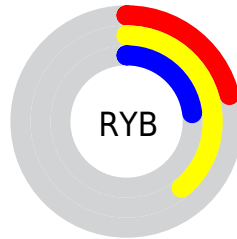
The Hex color **5E6435** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3564**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **919765**, and **2E3508** is the 20% darker color. If you saturate the color by 10%, you get **5D642B**, and if you desaturate by 10%, it is **5F643F**.

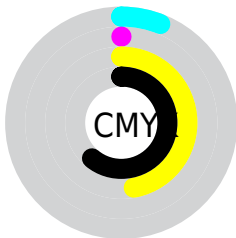
Distribution



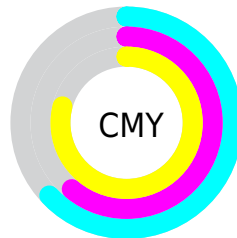
- Red (37%)
- Green (39%)
- Blue (21%)



- Red (21%)
- Yellow (39%)
- Blue (23%)



- Cyan (6%)
- Magenta (0%)
- Yellow (47%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6435 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 5E6435 by changing the saturation by 10% instead.



5E6435



5E6435

FFFFFF



464C1F



919765



2E3508



ACB17E



192000



C8CD98



000600



E4E9B3



000000



FFFFCF



FFFFEB



5E6435



5E6435



5D642B



5F643F

■ 5B6421

■ 616449

■ 5A6417

■ 626453

■ 59640D

■ 63645D

■ 586403

■ 646467

■ 576400

■ 666471

■ 67647B

■ 686485

■ 69648F

Harmonies

Analogous

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



745D33



5E6435



446943

Triad

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



5E6435



006A83



884F67

Complementary

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



5E6435



3B3564

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.



77547D



5E6435



30648D

Square

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



5E6435



006C70



595D8A



8C4F51

Rectangle

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



5E6435



2F6B51



595D8A



84506F

Sweetspot

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



5E6435



808270



643A35



414237



C2C2C2



424242

Same Dimension

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



5E6435



798239



476435



32332E



647300



D3F200

Inverse Universe

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



3B3564



433982



523564



2F2E33



0F0073



1F00F2

Previews

White Background



This preview shows how the Hex color 5E6435 looks on a white background.

Color Contrast Check

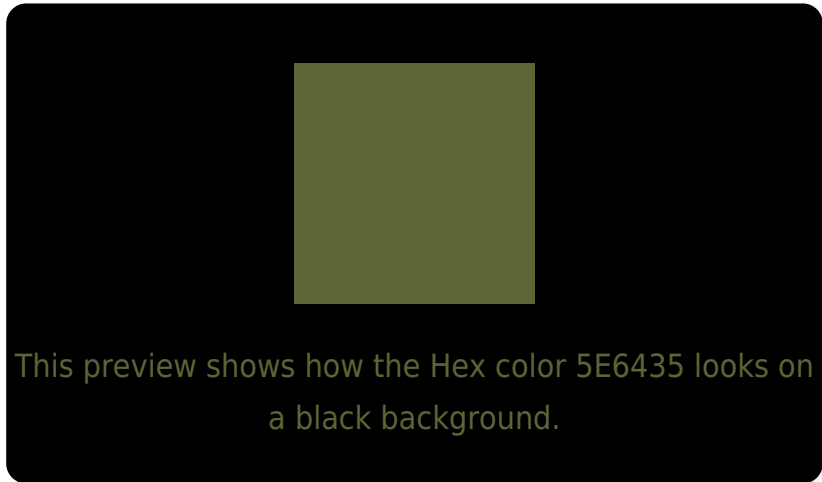
Large Text (above 18pt) WCAG AA ✓ Pass

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

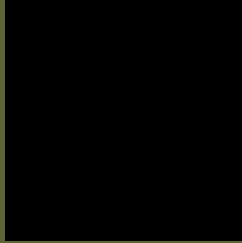
Any Text WCAG AA × Fail

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 5E6435 Background



This preview shows how black text looks on a background with the Hex color 5E6435.



This preview shows how white text looks on a background with the Hex color 5E6435.

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
5E6435

Protanopia
6A6034

Deuteranopia
755C37



Tritanopia
645E66

Trichromacy



Original Color

5E6435

Protanomaly

666134

Deuteranomaly

6D5F36

Tritanomaly

626054

Monochromacy



Original Color

5E6435

Achromatopsia

5D5D5D

Achromatomaly

5D604E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6435 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 #5E6435 looks like.

```
.text, #text, p{  
    color:#5E6435  
}
```

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 #5E6435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6435
}
```

Border

The CSS property to change the border of an element to Hex 5E6435 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
#5E6435 }
```

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

```
.border{ border-color:#5E6435 }
```

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

Here you see how a box with a 4 pixel #5E6435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6435; -webkit-box-shadow:4px 4px  
4px 4px #5E6435; box-shadow:4px 4px 4px  
4px #5E6435 }
```

Background

The CSS property to change the background color of an element to Hex 5E6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6435 }
```

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

```
.background{ background-color:#5E6435 }
```

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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