

Converting Colors

Hex(5D6D36)

Have a look what the booklet for
Hex(5D6D36) contains.

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Color

Hex(5D6D36)

Conversions

Conversions Part 1

Format	Color
Hex	5D6D36
RGB	93, 109, 54
RGB Percent	36%, 43%, 21%
CMY	0.6353, 0.5725, 0.7882
CMYK	0.15, 0.00, 0.50, 0.57
HSL	77°, 34%, 32%
HSV	77°, 50%, 43%
XYZ	10.6487, 13.5308, 5.5405
YIQ	97.9460, 8.1190, -20.4970

Conversions

Conversions Part 2

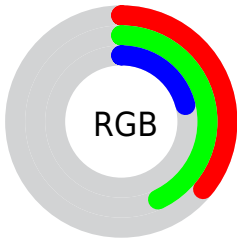
Format	Color
RYB	54, 109, 70
Decimal	6122806
CIELab	43.55, -15.65, 28.56
CIELCh	44, 32.571, 118.720
Yxy	13.5308, 0.3583, 0.4553
Android (android.graphics.Color)	4284312886 (0xFF5D6D36)
YUV	97.9460, -21.6654, -4.3376
Hunter-Lab	36.7842, -12.6982, 16.8186

Details

The Hex color **5D6D36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46366D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **90A166**, and **2D3D08** is the 20% darker color. If you saturate the color by 10%, you get **5A6D2B**, and if you desaturate by 10%, it is **606D41**.

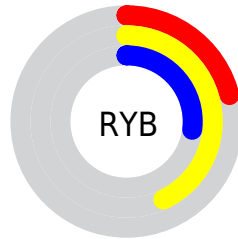
Distribution



Red (36%)

Green (43%)

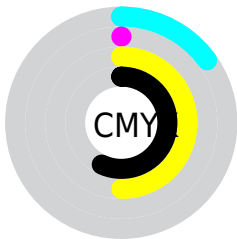
Blue (21%)



Red (21%)

Yellow (43%)

Blue (27%)

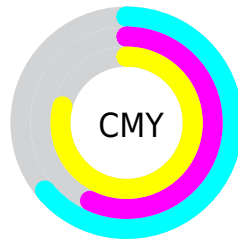


Cyan (15%)

Magenta (0%)

Yellow (50%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6D36 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 5D6D36 by changing the saturation by 10% instead.

 5D6D36

 5D6D36

FFFFFF

 45551F

 90A166

 2D3D08

 ABBC80

 182700

 C7D79A

 001500

 E3F4B5

 000000

 FFFFD1

 FFFFED

 5D6D36

 5D6D36

 5A6D2B

 606D41

■ 576D20

■ 636D4C

■ 536D15

■ 676D57

■ 506D0A

■ 6A6D62

■ 4D6D00

■ 6D6D6D

■ 706D77

■ 736D82

■ 766D8D

■ 7A6D98

Harmonies

Analogous

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



786530



5D6D36



3C724A

Triad

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



5D6D36



007194



985169

Complementary

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



5D6D36



46366D

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.



875683



5D6D36



366A9D

Square

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



5D6D36



007480



676096



99534E

Rectangle

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



5D6D36



1B745B



676096



945272

Sweetspot

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



5D6D36



898F79



6D4636



44473B



C7C7C7



474747

Same Dimension

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



5D6D36



758F38



426D36



343630



537500



AEF500

Inverse Universe

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



46366D



51388F



61366D



323036



220075



4700F5

Previews

White Background



This preview shows how the Hex color 5D6D36 looks on a white background.

Color Contrast Check

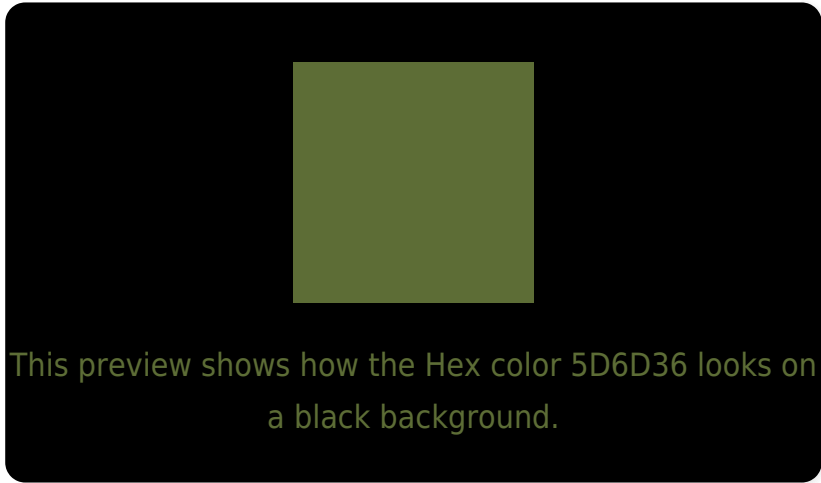
Large Text (above 18pt) WCAG AA ✓ Pass

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

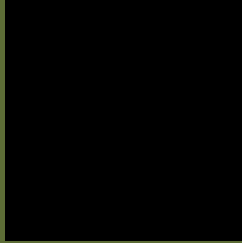
Any Text WCAG AA × Fail

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 5D6D36 Background



This preview shows how black text looks on a background with the Hex color 5D6D36.



This preview shows how white text looks on a background with the Hex color 5D6D36.

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
5D6D36

Protanopia
726734

Deuteranopia
7E6239



Tritanopia
64676F

Trichromacy



Original Color
5D6D36

Protanomaly
6A6935

Deuteranomaly
726638

Tritanomaly
61695A

Monochromacy



Original Color
5D6D36

Achromatopsia
626262

Achromatomaly
606652

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6D36 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 #5D6D36 looks like.

```
.text, #text, p{  
    color:#5D6D36  
}
```

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 #5D6D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6D36
}
```

Border

The CSS property to change the border of an element to Hex 5D6D36 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
#5D6D36 }
```

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

```
.border{ border-color:#5D6D36 }
```

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

Here you see how a box with a 4 pixel #5D6D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6D36; -webkit-box-shadow:4px 4px  
4px 4px #5D6D36; box-shadow:4px 4px 4px  
4px #5D6D36 }
```

Background

The CSS property to change the background color of an element to Hex 5D6D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6D36 }
```

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

```
.background{ background-color:#5D6D36 }
```

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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