

Converting Colors

Hex(5D7336)

Have a look what the booklet for
Hex(5D7336) contains.

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Color

Hex(5D7336)

Conversions

Conversions Part 1

Format	Color
Hex	5D7336
RGB	93, 115, 54
RGB Percent	36%, 45%, 21%
CMY	0.6353, 0.5490, 0.7882
CMYK	0.19, 0.00, 0.53, 0.55
HSL	82°, 36%, 33%
HSV	82°, 53%, 45%
XYZ	11.3108, 14.8550, 5.7612
YIQ	101.4680, 6.4690, -23.6350

Conversions

Conversions Part 2

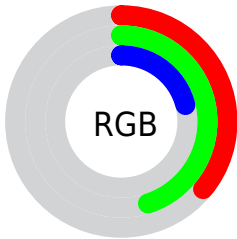
Format	Color
RYB	54, 115, 76
Decimal	6124342
CIELab	45.43, -18.87, 30.84
CIElCh	45, 36.154, 121.462
Yxy	14.8550, 0.3543, 0.4653
Android (android.graphics.Color)	4284314422 (0xFF5D7336)
YUV	101.4680, -23.4017, -7.4264
Hunter-Lab	38.5421, -15.0651, 18.1170

Details

The Hex color **5D7336** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C3673**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **91A766**, and **2D4307** is the 20% darker color. If you saturate the color by 10%, you get **59732B**, and if you desaturate by 10%, it is **617342**.

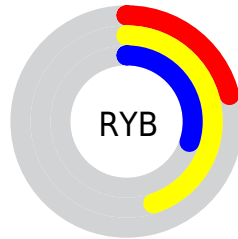
Distribution



Red (36%)

Green (45%)

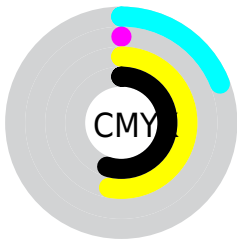
Blue (21%)



Red (21%)

Yellow (45%)

Blue (30%)

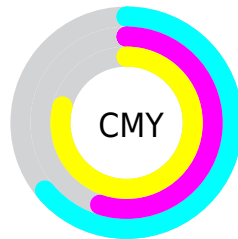


Cyan (19%)

Magenta (0%)

Yellow (53%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7336 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 5D7336 by changing the saturation by 10% instead.

 5D7336

 5D7336


FFFFFF

 445A1F

 91A766

 2D4307

 ACC280

 172C00

 C7DE9A

 001A00

 E4FBB5

 000000


 FFFFD1

 FFFFEE

 5D7336

 5D7336

 59732B

 617342

■ 55731F

■ 65734D

■ 517314

■ 697359

■ 4C7308

■ 6E7364

■ 4A7300

■ 727370

■ 76737B

■ 7A7387

■ 7E7392

■ 82739D

Harmonies

Analogous

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



7C6A2D



5D7336



35784E

Triad

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



5D7336



0076A0



A3526B

Complementary

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



5D7336



4C3673

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.



925889



5D7336



386EA8

Square

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



5D7336



007A8A



70639F



A2564E

Rectangle

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



5D7336



007A62



70639F



9F5375

Sweetspot

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



5D7336



8E967E



734B36



474D3E



CCCCCC



4D4D4D

Same Dimension

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



5D7336



749636



3F7336



393B35



4E7A00



A0FA00

Inverse Universe

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



4C3673



593696



6A3673



37353B



2C007A



5A00FA

Previews

White Background



This preview shows how the Hex color 5D7336 looks on a white background.

Color Contrast Check

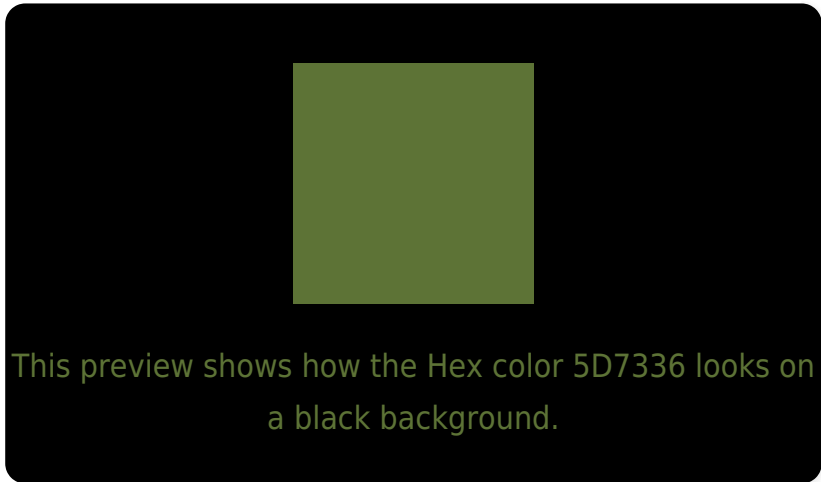
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D7336 Background



This preview shows how black text looks on a background with the Hex color 5D7336.



This preview shows how white text looks on a background with the Hex color 5D7336.

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
5D7336

Protanopia
776B34

Deuteranopia
836639



Tritanopia
656C75

Trichromacy



Original Color
5D7336

Protanomaly
6E6E35

Deuteranomaly
756B38

Tritanomaly
626F5E

Monochromacy



Original Color
5D7336

Achromatopsia
656565

Achromatomaly
626A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7336 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 #5D7336 looks like.

```
.text, #text, p{  
    color:#5D7336  
}
```

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 #5D7336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7336
}
```

Border

The CSS property to change the border of an element to Hex 5D7336 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
#5D7336 }
```

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

```
.border{ border-color:#5D7336 }
```

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

Here you see how a box with a 4 pixel #5D7336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7336; -webkit-box-shadow:4px 4px  
4px 4px #5D7336; box-shadow:4px 4px 4px  
4px #5D7336 }
```

Background

The CSS property to change the background color of an element to Hex 5D7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7336 }
```

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

```
.background{ background-color:#5D7336 }
```

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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