

Converting Colors

Hex(5D9336)

Have a look what the booklet for
Hex(5D9336) contains.

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Color

Hex(5D9336)

Conversions

Conversions Part 1

Format	Color
Hex	5D9336
RGB	93, 147, 54
RGB Percent	36%, 58%, 21%
CMY	0.6353, 0.4235, 0.7882
CMYK	0.37, 0.00, 0.63, 0.42
HSL	95°, 46%, 39%
HSV	95°, 63%, 58%
XYZ	15.6138, 23.4609, 7.1955
YIQ	120.2520, -2.3310, -40.3710

Conversions

Conversions Part 2

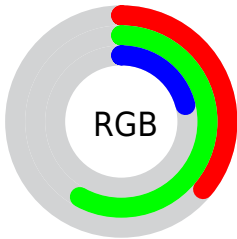
Format	Color
RYB	54, 147, 108
Decimal	6132534
CIELab	55.54, -34.54, 42.49
CIElCh	56, 54.761, 129.107
Yxy	23.4609, 0.3374, 0.5070
Android (android.graphics.Color)	4284322614 (0xFF5D9336)
YUV	120.2520, -32.6622, -23.9000
Hunter-Lab	48.4365, -27.2234, 25.0977

Details

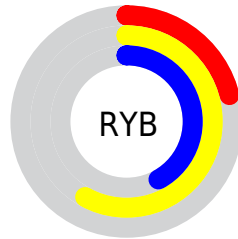
The Hex color **5D9336** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C3693**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **93C969**, and **286000** is the 20% darker color. If you saturate the color by 10%, you get **549327**, and if you desaturate by 10%, it is **669345**.

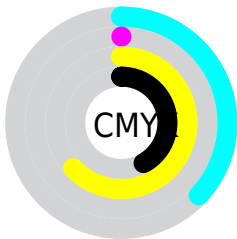
Distribution



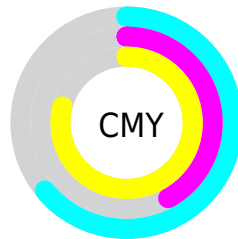
- Red (36%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (42%)



- Cyan (37%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9336 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 5D9336 by changing the saturation by 10% instead.

 5D9336

 5D9336

FFFFFF

 43791C

 93C969

 286000

 AEE683

 0B4800

 CBFF9E

 003000

 E7FFB9

 001C00

 FFFFD5

 000000

 FFFFF2

 5D9336

 5D9336

 549327

 669345

■ 4C9319

■ 6E9353

■ 43930A

■ 779362

■ 3E9300

■ 7F9371

■ 889380

■ 90938E

■ 99939D

■ A193AC

■ AA93BA

Harmonies

Analogous

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



90871C



5D9336



009A61

Triad

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



5D9336



0093DE



DB5878

Complementary

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



5D9336



6C3693

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.



C95FA8



5D9336



3C86E3

Square

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



5D9336



009AC0



9A72CF



D4634B

Rectangle

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



5D9336



009C82



9A72CF



D85888

Sweetspot

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



5D9336



AABF9B



936B36



54614B



E0E0E0



616161

Same Dimension

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



5D9336



6BBF2E



36933C



464A43



3A8A00



040A00

Inverse Universe

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



6C3693



822EBF



93368D



47434A



50008A



06000A

Previews

White Background



This preview shows how the Hex color 5D9336 looks on a white background.

Color Contrast Check

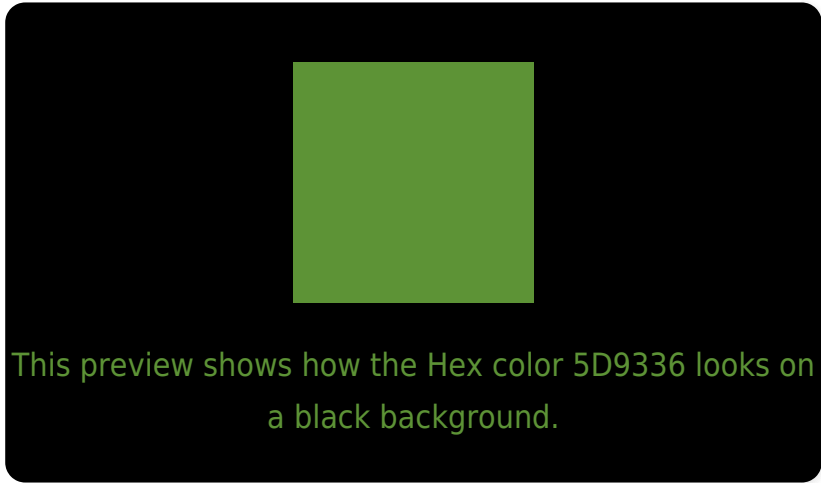
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 5D9336 Background



This preview shows how black text looks on a background with the Hex color 5D9336.



This preview shows how white text looks on a background with the Hex color 5D9336.

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
5D9336

Protanopia
948532

Deuteranopia
A47E3C



Tritanopia
6B8A95

Trichromacy



Original Color
5D9336

Protanomaly
808A33

Deuteranomaly
8A863A

Tritanomaly
668D72

Monochromacy



Original Color
5D9336

Achromatopsia
787878

Achromatomaly
6E8260

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9336 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 #5D9336 looks like.

```
.text, #text, p{  
    color:#5D9336  
}
```

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 #5D9336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9336
}
```

Border

The CSS property to change the border of an element to Hex 5D9336 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
#5D9336 }
```

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

```
.border{ border-color:#5D9336 }
```

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

Here you see how a box with a 4 pixel #5D9336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9336; -webkit-box-shadow:4px 4px  
4px 4px #5D9336; box-shadow:4px 4px 4px  
4px #5D9336 }
```

Background

The CSS property to change the background color of an element to Hex 5D9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9336 }
```

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

```
.background{ background-color:#5D9336 }
```

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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