

Converting Colors

Hex(557329)

Have a look what the booklet for
Hex(557329) contains.

Hex(557329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(557329)

Conversions

Conversions Part 1

Format	Color
Hex	557329
RGB	85, 115, 41
RGB Percent	33%, 45%, 16%
CMY	0.6667, 0.5490, 0.8392
CMYK	0.26, 0.00, 0.64, 0.55
HSL	84°, 47%, 31%
HSV	84°, 64%, 45%
XYZ	10.2773, 14.3529, 4.3265
YIQ	97.5940, 5.8740, -29.3740

Conversions

Conversions Part 2

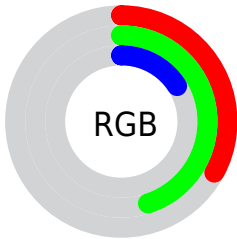
Format	Color
RYB	41, 115, 71
Decimal	5600041
CIELab	44.73, -23.58, 36.47
CIElCh	45, 43.428, 122.891
Yxy	14.3529, 0.3549, 0.4957
Android (android.graphics.Color)	4283790121 (0xFF557329)
YUV	97.5940, -27.9008, -11.0449
Hunter-Lab	37.8852, -17.8765, 19.7486

Details

The Hex color **557329** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **472973**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **89A75A**, and **244300** is the 20% darker color. If you saturate the color by 10%, you get **50731E**, and if you desaturate by 10%, it is **5A7335**.

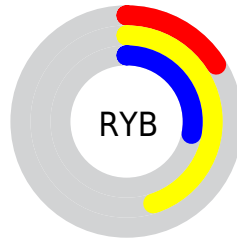
Distribution



 Red (33%)

 Green (45%)

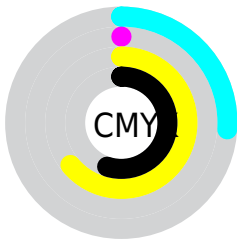
 Blue (16%)



 Red (16%)

 Yellow (45%)

 Blue (28%)

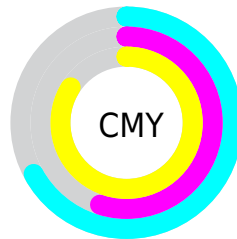


 Cyan (26%)


 Magenta (0%)

 Yellow (64%)

 Black (55%)



 Cyan (67%)

 Magenta (55%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557329 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 557329 by changing the saturation by 10% instead.

 557329

 557329

FFFFFF

 3C5A10

 89A75A

 244300

 A4C273

 0B2C00

 BFDE8D

 001900

 DCFBA8

 000000

 F9FFC4

 FFFFEO

 FFFFFD

 557329

 557329

■ 50731E

■ 5A7335

■ 4C7312

■ 5E7340

■ 477307

■ 63734C

■ 447300

■ 687357

■ 6C7363

■ 71736E

■ 76737A

■ 7A7385

■ 7F7391

Harmonies

Analogous

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



7A691C



557329



1C7947

Triad

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



557329



0076AA



AB4968

Complementary

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



557329



472973

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.



99508B



557329



1D6DB2

Square

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



557329



007B90



705FA7



A94E45

Rectangle

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



557329



007B60



705FA7



A74A74

Sweetspot

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



557329



8B967A



734729



454D3B



CCCCCC



4D4D4D

Same Dimension

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



557329



679623



307329



383B35



497A00



95FA00

Inverse Universe

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



472973



522396



6C2973



37353B



32007A



6500FA

Previews

White Background



This preview shows how the Hex color 557329 looks on a white background.

Color Contrast Check

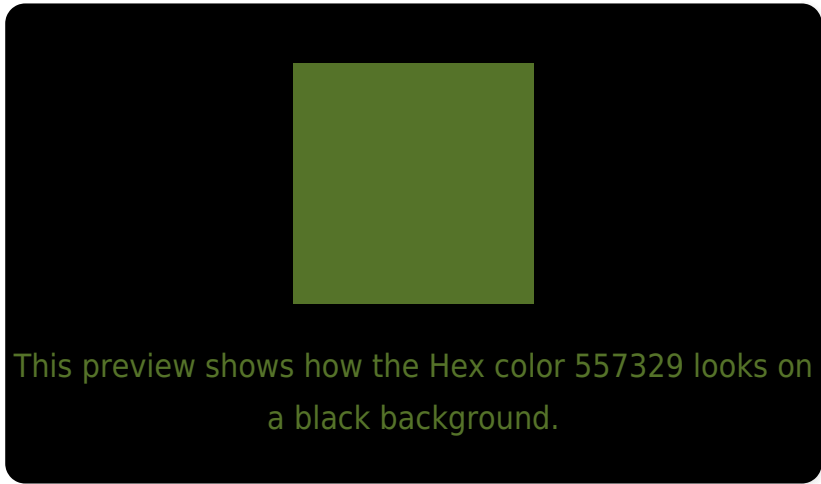
Large Text (above 18pt) WCAG AA ✓ Pass

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

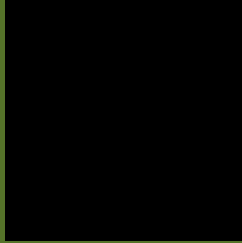
Any Text WCAG AA × Fail

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 557329 Background



This preview shows how black text looks on a background with the Hex color 557329.



This preview shows how white text looks on a background with the Hex color 557329.

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](#).

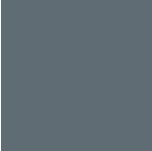
Dichromacy



Original Color
557329

Protanopia
766A26

Deuteranopia
83642E



Tritanopia
5F6C74

Trichromacy



Original Color
557329

Protanomaly
6A6D27

Deuteranomaly
72692C

Tritanomaly
5B6F59

Monochromacy



Original Color
557329

Achromatopsia
626262

Achromatomaly
5D684D

CSS Examples

Text

The CSS property to change the color of the text to Hex 557329 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 #557329 looks like.

```
.text, #text, p{  
    color:#557329  
}
```

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 #557329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557329
}
```

Border

The CSS property to change the border of an element to Hex 557329 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
#557329 }
```

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

```
.border{ border-color:#557329 }
```

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

Here you see how a box with a 4 pixel #557329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557329; -webkit-box-shadow:4px 4px  
4px 4px #557329; box-shadow:4px 4px 4px  
4px #557329 }
```

Background

The CSS property to change the background color of an element to Hex 557329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557329 }
```

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

```
.background{ background-color:#557329 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor