

# Converting Colors

Hex(528B45)

Have a look what the booklet for  
Hex(528B45) contains.

<b>Hex(528B45)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(528B45)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	528B45
RGB	82, 139, 69
RGB Percent	32%, 55%, 27%
CMY	0.6784, 0.4549, 0.7294
CMYK	0.41, 0.00, 0.50, 0.45
HSL	109°, 34%, 41%
HSV	109°, 50%, 55%
XYZ	13.7865, 20.6887, 8.8969
YIQ	113.9770, -11.5020, -33.8540

# Conversions

## Conversions Part 2

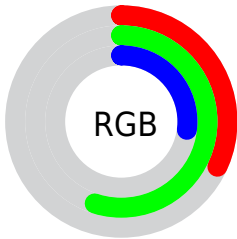
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 139, 126
Decimal	5409605
CIELab	52.61, -33.01, 31.50
CIELCh	53, 45.630, 136.341
Yxy	20.6887, 0.3179, 0.4770
Android (android.graphics.Color)	4283599685 (0xFF528B45)
YUV	113.9770, -22.1737, -28.0438
Hunter-Lab	45.4849, -25.4952, 20.2422

# Details

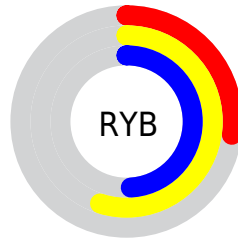
The Hex color **528B45** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E458B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87C177**, and **1E5816** is the 20% darker color. If you saturate the color by 10%, you get **478B37**, and if you desaturate by 10%, it is **5D8B53**.

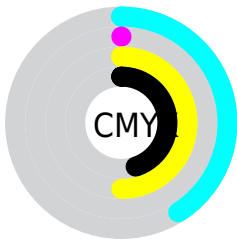
# Distribution



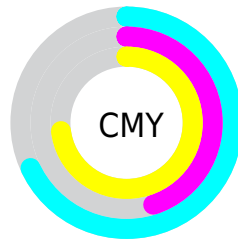
- Red (32%)
- Green (55%)
- Blue (27%)



- Red (27%)
- Yellow (55%)
- Blue (49%)



- Cyan (41%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (68%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528B45 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 528B45 by changing the saturation by 10% instead.



 528B45

 528B45

FFFFFF

 38712D

 87C177

 1E5816

 A2DD91

 004000

 BEFAAC

 002A00

 DAFFC7

 001100

 F7FFE4

 000000

 528B45

 528B45

 478B37

 5D8B53

 3B8B29

 698B61

 308B1B

 748B6F

 258B0D

 7F8B7D

 1A8B00

 8B8B8B

 968B98

 A18BA6

 AD8BB4

 B88BC2

# Harmonies

## Analogous

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



7F822E



528B45



00906A

# Triad

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



528B45



0087C9



C65C6A

# Complementary

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



528B45



7E458B

# 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.



BC5D91



528B45



607AC9

# Square

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



528B45



008EB5



9B6AB4



BC6646

# Rectangle

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



528B45



009185



9B6AB4



C55B77



# Sweetspot

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



528B45



9FB59A



8B7D45



4E5C4B



DBDBDB



5C5C5C



# Same Dimension

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



528B45



5DB548



458B5A



3F453E



198500



010500



# Inverse Universe

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



7E458B



A148B5



8B4576



443E45



6C0085



040005



# Previews

## White Background



This preview shows how the Hex color 528B45 looks on a white background.

## Color Contrast Check

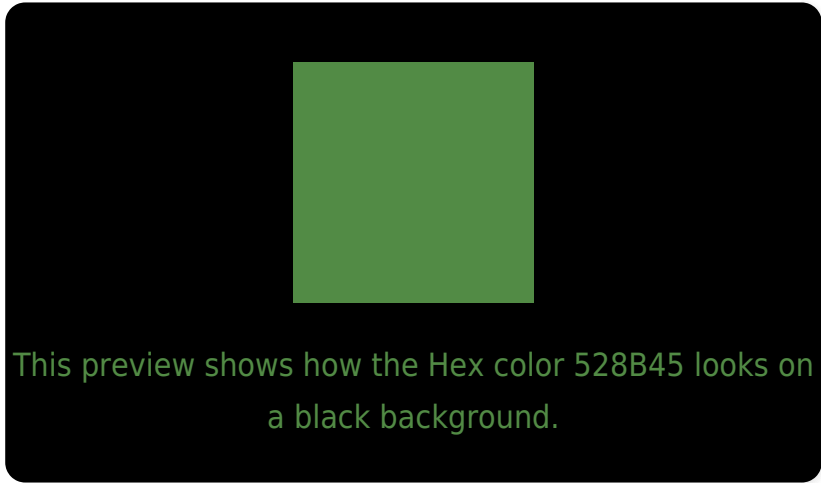
Large Text (above 18pt) WCAG AA ✓ Pass

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

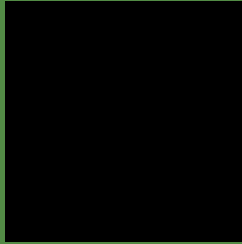
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 528B45 Background



This preview shows how black text looks on a background with the Hex color 528B45.



This preview shows how white text looks on a background with the Hex color 528B45.

# 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**  
528B45

**Protanopia**  
8A7D40

**Deuteranopia**  
98774A



**Tritanopia**  
5F838E

# Trichromacy



**Original Color**  
528B45

**Protanomaly**  
768242

**Deuteranomaly**  
7F7E48

**Tritanomaly**  
5A8673

# Monochromacy



**Original Color**  
528B45

**Achromatopsia**  
727272

**Achromatomaly**  
667B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528B45 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 #528B45 looks like.

```
.text, #text, p{  
    color:#528B45  
}
```

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 #528B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528B45
}
```

## Border

The CSS property to change the border of an element to Hex 528B45 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
#528B45 }
```

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

```
.border{ border-color:#528B45 }
```

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

Here you see how a box with a 4 pixel #528B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528B45; -webkit-box-shadow:4px 4px  
4px 4px #528B45; box-shadow:4px 4px 4px  
4px #528B45 }
```

# Background

The CSS property to change the background color of an element to Hex 528B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528B45 }
```

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

```
.background{ background-color:#528B45 }
```

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