

Converting Colors

Hex(578324)

Have a look what the booklet for
Hex(578324) contains.

Hex(578324)	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(578324)

Conversions

Conversions Part 1

Format	Color
Hex	578324
RGB	87, 131, 36
RGB Percent	34%, 51%, 14%
CMY	0.6588, 0.4863, 0.8588
CMYK	0.34, 0.00, 0.73, 0.49
HSL	88°, 57%, 33%
HSV	88°, 73%, 51%
XYZ	12.3652, 18.3862, 4.5662
YIQ	107.0140, 4.2710, -38.8730

Conversions

Conversions Part 2

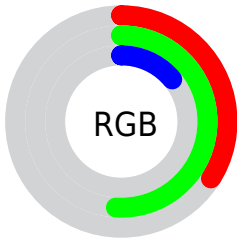
Format	Color
R_{YB}	36, 131, 80
Decimal	5735204
CIE _{Lab}	49.96, -30.96, 44.24
CIE _{LCh}	50, 54.000, 124.988
Yxy	18.3862, 0.3501, 0.5206
Android (android.graphics.Color)	4283925284 (0xFF578324)
YUV	107.0140, -35.0099, -17.5523
Hunter-Lab	42.8791, -23.5638, 23.7015

Details

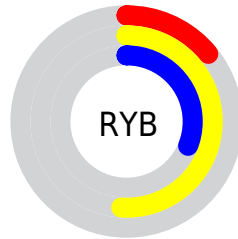
The Hex color **578324** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **502483**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8CB857**, and **235100** is the 20% darker color. If you saturate the color by 10%, you get **518317**, and if you desaturate by 10%, it is **5D8331**.

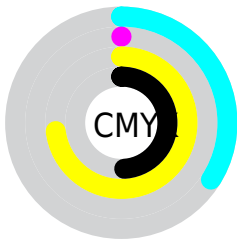
Distribution



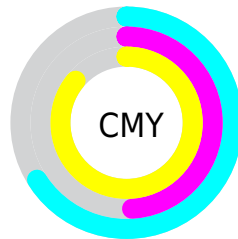
- Red (34%)
- Green (51%)
- Blue (14%)



- Red (14%)
- Yellow (51%)
- Blue (31%)



- Cyan (34%)
- Magenta (0%)
- Yellow (73%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578324 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 578324 by changing the saturation by 10% instead.



578324



578324

FFFFFF



3D6A05



8CB857



235100



A8D471



043A00



C4F18B



002500



E0FFA6



000000



FEFFC2



FFFFDE



FFFFFB



578324



578324

■ 518317

■ 5D8331

■ 4B830A

■ 63833E

■ 468300

■ 69834B

■ 6F8358

■ 758366

■ 7B8373

■ 818380

■ 88838D

■ 8E839A

Harmonies

Analogous

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



877709



578324



008A4E

Triad

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



578324



0086CA



C94971

Complementary

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



578324



502483

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.



B4539F



578324



007AD3

Square

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



578324



008BAA



8267C3



C45345

Rectangle

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



578324



008C6D



8267C3



C54B81

Sweetspot

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



578324



99AB85



834F24



4C5740



D6D6D6



575757

Same Dimension

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



578324



66AB16



298324



3F423C



468200



010300

Inverse Universe

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



502483



5B16AB



7E2483



3F3C42



3C0082



010003

Previews

White Background



This preview shows how the Hex color 578324 looks on a white background.

Color Contrast Check

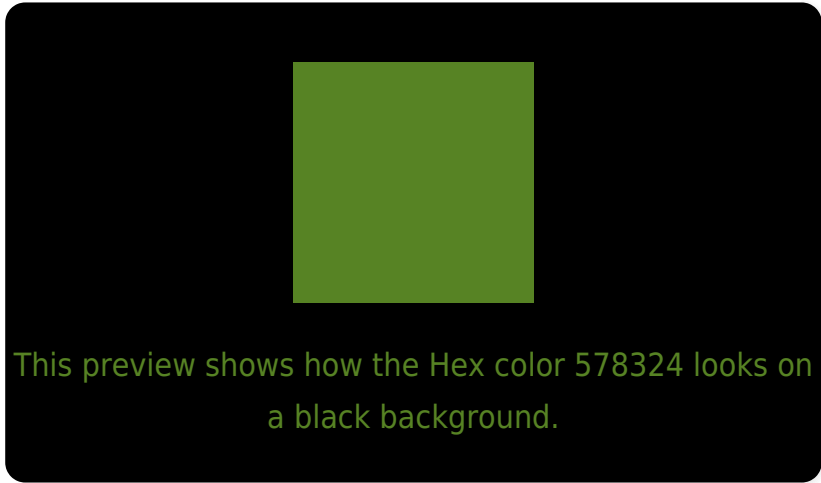
Large Text (above 18pt) WCAG AA ✓ Pass

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 578324 Background



This preview shows how black text looks on a background with the Hex color 578324.



This preview shows how white text looks on a background with the Hex color 578324.

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
578324

Protanopia
857721

Deuteranopia
94712B



Tritanopia
647A84

Trichromacy



Original Color
578324

Protanomaly
747B22

Deuteranomaly
7E7828

Tritanomaly
5F7D61

Monochromacy



Original Color
578324

Achromatopsia
6B6B6B

Achromatomaly
647451

CSS Examples

Text

The CSS property to change the color of the text to Hex 578324 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 #578324 looks like.

```
.text, #text, p{  
    color:#578324  
}
```

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 #578324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578324
}
```

Border

The CSS property to change the border of an element to Hex 578324 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
#578324 }
```

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

```
.border{ border-color:#578324 }
```

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

Here you see how a box with a 4 pixel #578324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578324; -webkit-box-shadow:4px 4px  
4px 4px #578324; box-shadow:4px 4px 4px  
4px #578324 }
```

Background

The CSS property to change the background color of an element to Hex 578324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578324 }
```

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

```
.background{ background-color:#578324 }
```

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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