

Converting Colors

Hex(598E25)

Have a look what the booklet for
Hex(598E25) contains.

Hex(598E25)	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(598E25)

Conversions

Conversions Part 1

Format	Color
Hex	598E25
RGB	89, 142, 37
RGB Percent	35%, 56%, 15%
CMY	0.6510, 0.4431, 0.8549
CMYK	0.37, 0.00, 0.74, 0.44
HSL	90°, 59%, 35%
HSV	90°, 74%, 56%
XYZ	14.1268, 21.6034, 5.1756
YIQ	114.1830, 2.1170, -43.8910

Conversions

Conversions Part 2

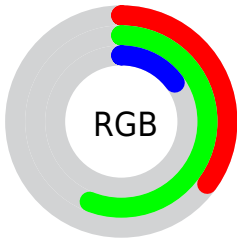
Format	Color
R_{YB}	37, 142, 90
Decimal	5869093
CIE _{Lab}	53.60, -35.16, 47.56
CIE _{LCh}	54, 59.145, 126.478
Yxy	21.6034, 0.3453, 0.5281
Android (android.graphics.Color)	4284059173 (0xFF598E25)
YUV	114.1830, -38.0512, -22.0855
Hunter-Lab	46.4795, -27.0866, 25.9336

Details

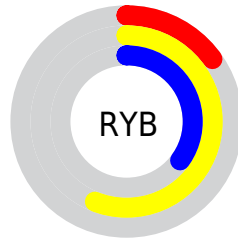
The Hex color **598E25** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A258E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8FC459**, and **235B00** is the 20% darker color. If you saturate the color by 10%, you get **528E17**, and if you desaturate by 10%, it is **608E33**.

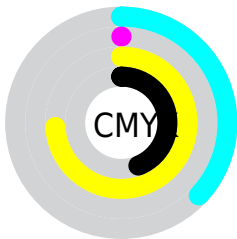
Distribution



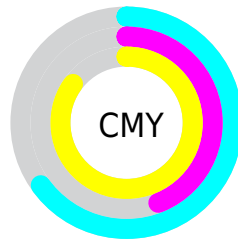
- Red (35%)
- Green (56%)
- Blue (15%)



- Red (15%)
- Yellow (56%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (74%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 598E25 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 598E25 by changing the saturation by 10% instead.

 598E25

 598E25

FFFFFF

 3E7404

 8FC459

 235B00

 ABE073

 014300

 C7FD8E

 002C00

 E4FFA9

 001500

 FFFFC5

 000000

 FFFFE2

 598E25

 598E25

 528E17

 608E33

■ 4B8E09

■ 678E41

■ 468E00

■ 6F8E50

■ 768E5E

■ 7D8E6C

■ 848E7A

■ 8B8E88

■ 928E97

■ 9A8EA5

Harmonies

Analogous

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



8F8100



598E25



009555

Triad

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



598E25



0090DD



DB4C77

Complementary

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



598E25



5A258E

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.



C657AA



598E25



0082E6

Square

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



598E25



0097BC



8F6DD3



D45946

Rectangle

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



598E25



009778



8F6DD3



D74D88

Sweetspot

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



598E25



A3B88F



8E5A25



505C44



DBDBDB



5C5C5C

Same Dimension

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



598E25



65B814



258E25



444740



438700



040800

Inverse Universe

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



5A258E



6714B8



8E258E



444047



440087



040008

Previews

White Background



This preview shows how the Hex color 598E25 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 598E25 Background



This preview shows how black text looks on a background with the Hex color 598E25.



This preview shows how white text looks on a background with the Hex color 598E25.

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
598E25

Protanopia
8F8021

Deuteranopia
9F792D



Tritanopia
68848F

Trichromacy



Original Color
598E25

Protanomaly
7B8522

Deuteranomaly
86812A

Tritanomaly
638868

Monochromacy



Original Color
598E25

Achromatopsia
727272

Achromatomaly
697C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 598E25 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 #598E25 looks like.

```
.text, #text, p{  
    color:#598E25  
}
```

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 #598E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598E25  
}
```

Border

The CSS property to change the border of an element to Hex 598E25 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  
#598E25 }
```

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

```
.border{ border-color:#598E25 }
```

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

Here you see how a box with a 4 pixel #598E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598E25; -webkit-box-shadow:4px 4px  
4px 4px #598E25; box-shadow:4px 4px 4px  
4px #598E25 }
```

Background

The CSS property to change the background color of an element to Hex 598E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598E25 }
```

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

```
.background{ background-color:#598E25 }
```

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