

Converting Colors

Hex(562800)

Have a look what the booklet for
Hex(562800) contains.

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Color

Hex(562800)

Conversions

Conversions Part 1

Format	Color
Hex	562800
RGB	86, 40, 0
RGB Percent	34%, 16%, 0%
CMY	0.6627, 0.8431, 1.0000
CMYK	0.00, 0.53, 1.00, 0.66
HSL	28°, 100%, 17%
HSV	28°, 100%, 34%
XYZ	4.5965, 3.4960, 0.4325
YIQ	49.1940, 40.2560, -2.6880

Conversions

Conversions Part 2

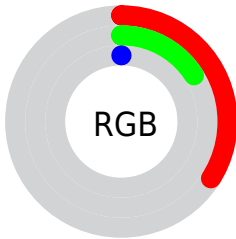
Format	Color
RYB	86, 75, 0
Decimal	5646336
CIELab	21.93, 18.67, 31.62
CIElCh	22, 36.726, 59.437
Yxy	3.4960, 0.5392, 0.4101
Android (android.graphics.Color)	4283836416 (0xFF562800)
YUV	49.1940, -24.2526, 32.2789
Hunter-Lab	18.6976, 11.1608, 11.7168

Details

The Hex color **562800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002E56**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8C562F**, and **250000** is the 20% darker color. If you saturate the color by 10%, you get **562800**, and if you desaturate by 10%, it is **562D09**.

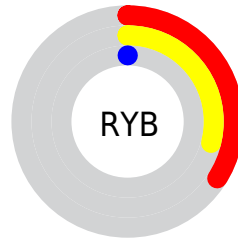
Distribution



Red (34%)

Green (16%)

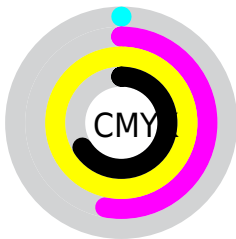
Blue (0%)



Red (34%)

Yellow (29%)

Blue (0%)

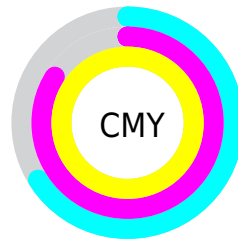


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562800 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 562800 by changing the saturation by 10% instead.

 562800

 562800

 FFFFE4

 3C1300

 8C562F

 250000

 A86F46

 000000

 C5885E

 E2A278

 FFBE91

 FFD9AC

 FFF6C8

 562800

■ 562D09

■ 563111

■ 56361A

■ 563A22

■ 562F2B

■ 564434

■ 56483C

■ 564D45

■ 56514D

Harmonies

Analogous

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



621B1C



562800



423300

Triad

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



562800



004133



312D64

Complementary

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



562800



002E56

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.



00386B



562800



00414F

Square

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



562800



003F17



003E63



542051

Rectangle

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



562800



313800



003E63



1D3168

Sweetspot

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



562800



705E4F



56002F



382D24



B8B8B8



383838

Same Dimension

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



562800



703400



565200



2B2927



6B3200



EB6D00

Inverse Universe

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



002E56



003C70



000456



27292B



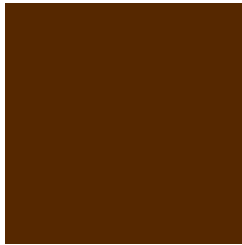
00396B



007DEB

Previews

White Background



This preview shows how the Hex color 562800 looks on a white background.

Color Contrast Check

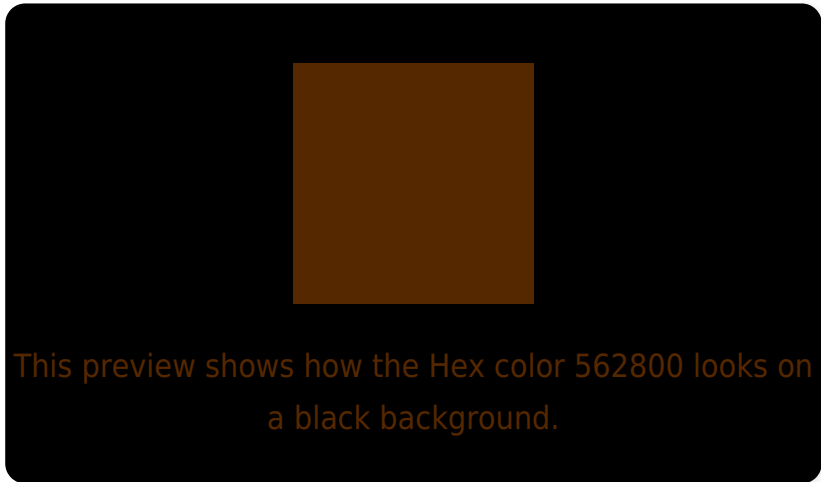
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

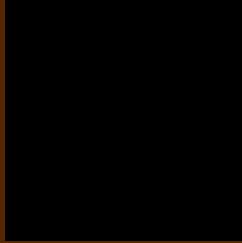
Any Text WCAG AA × Fail

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 562800 Background



This preview shows how black text looks on a background with the Hex color 562800.



This preview shows how white text looks on a background with the Hex color 562800.

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
562800

Protanopia
3C3608

Deuteranopia
443300



Tritanopia
572528

Trichromacy



Original Color
562800

Protanomaly
453105

Deuteranomaly
4B2F00

Tritanomaly
572619

Monochromacy



Original Color
562800

Achromatopsia
313131

Achromatomaly
3E2E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 562800 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 #562800 looks like.

```
.text, #text, p{  
    color:#562800  
}
```

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 #562800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562800
}
```

Border

The CSS property to change the border of an element to Hex 562800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

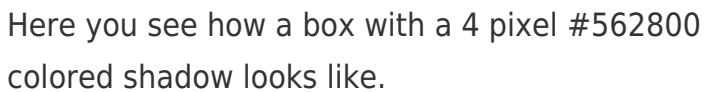
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#562800 }
```

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

```
.border{ border-color:#562800 }
```

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



Here you see how a box with a 4 pixel #562800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562800; -webkit-box-shadow:4px 4px  
4px 4px #562800; box-shadow:4px 4px 4px  
4px #562800 }
```

Background

The CSS property to change the background color of an element to Hex 562800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562800 }
```

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

```
.background{ background-color:#562800 }
```

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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