

Converting Colors

Hex(562F42)

Have a look what the booklet for
Hex(562F42) contains.

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Color

Hex(562F42)

Conversions

Conversions Part 1

Format	Color
Hex	562F42
RGB	86, 47, 66
RGB Percent	34%, 18%, 26%
CMY	0.6627, 0.8157, 0.7412
CMYK	0.00, 0.45, 0.23, 0.66
HSL	331°, 29%, 26%
HSV	331°, 45%, 34%
XYZ	5.8376, 4.4048, 5.6968
YIQ	60.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

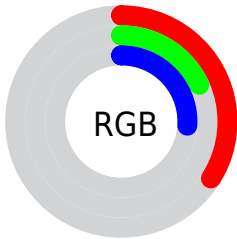
Format	Color
RYB	86, 47, 66
Decimal	5648194
CIELab	24.97, 20.69, -4.17
CIELCh	25, 21.108, 348.605
Yxy	4.4048, 0.3662, 0.2764
Android (android.graphics.Color)	4283838274 (0xFF562F42)
YUV	60.8270, 2.5503, 22.0767
Hunter-Lab	20.9876, 12.9207, -1.4021

Details

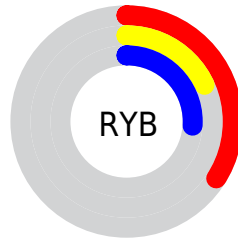
The Hex color **562F42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F5643**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **895E72**, and **280218** is the 20% darker color. If you saturate the color by 10%, you get **56263E**, and if you desaturate by 10%, it is **563846**.

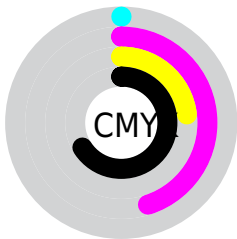
Distribution



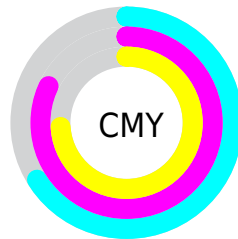
- Red (34%)
- Green (18%)
- Blue (26%)



- Red (34%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (66%)



- Cyan (66%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562F42 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 562F42 by changing the saturation by 10% instead.

■ 562F42

■ 562F42

FFFFFF

■ 3E192C

■ 895E72

■ 280218

■ A4778B

■ 000000

■ BF91A6

■ DBACC1

■ F8C7DD

■ FFE3F9

■ 562F42

■ 562F42

■ 56263E

■ 563846

■ 561E39

■ 56404B

■ 561535

■ 56494F

■ 560D30

■ 565154

■ 56042C

■ 565A58

■ 56002A

■ 56635C

■ 566B61

■ 567465

■ 567C6A

Harmonies

Analogous

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



493350



562F42



5A2F32

Triad

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



562F42



3B3D1C



004253

Complementary

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



562F42



2F5643

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.



004345



562F42



294126

Square

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



562F42



4A381C



114334



143F5A

Rectangle

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



562F42



583128



114334



00434F

Sweetspot

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



562F42



706068



432F56



382F33



B8B8B8



383838

Same Dimension

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



562F42



703451



562F2F



2B2729



6B0034



EB0072

Inverse Universe

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



562F42



703451



2F5656



2B2729



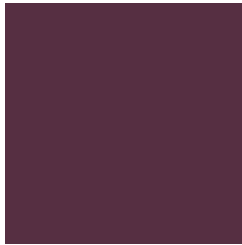
6B0034



EB0072

Previews

White Background



This preview shows how the Hex color 562F42 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

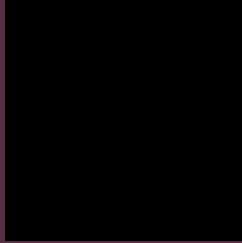
Any Text WCAG AA × Fail

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 562F42 Background



This preview shows how black text looks on a background with the Hex color 562F42.



This preview shows how white text looks on a background with the Hex color 562F42.

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
562F42

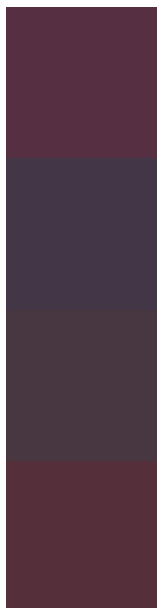
Protanopia
383B4A

Deuteranopia
403A40



Tritanopia
553135

Trichromacy



Original Color

562F42

Protanomaly

433747

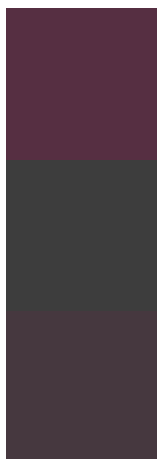
Deuteranomaly

483641

Tritanomaly

55303A

Monochromacy



Original Color

562F42

Achromatopsia

3D3D3D

Achromatomaly

46383F

CSS Examples

Text

The CSS property to change the color of the text to Hex 562F42 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 #562F42 looks like.

```
.text, #text, p{  
    color:#562F42  
}
```

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 #562F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562F42
}
```

Border

The CSS property to change the border of an element to Hex 562F42 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
#562F42 }
```

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

```
.border{ border-color:#562F42 }
```

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

Here you see how a box with a 4 pixel #562F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562F42; -webkit-box-shadow:4px 4px  
4px 4px #562F42; box-shadow:4px 4px 4px  
4px #562F42 }
```

Background

The CSS property to change the background color of an element to Hex 562F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562F42 }
```

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

```
.background{ background-color:#562F42 }
```

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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