

# Converting Colors

Hex(562D45)

Have a look what the booklet for  
Hex(562D45) contains.

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**Color**

**Hex(562D45)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 562D45                    |
| RGB           | 86, 45, 69                |
| RGB Percent   | 34%, 18%, 27%             |
| CMY           | 0.6627, 0.8235, 0.7294    |
| CMYK          | 0.00, 0.48, 0.20, 0.66    |
| HSL           | 325°, 31%, 26%            |
| HSV           | 325°, 48%, 34%            |
| XYZ           | 5.8503, 4.2849, 6.1489    |
| YIQ           | 59.9950, 16.7320, 16.1560 |

# Conversions

## Conversions Part 2

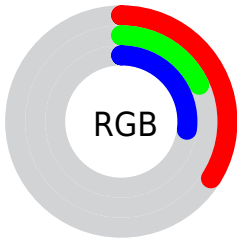
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 86, 45, 69                   |
| Decimal                             | 5647685                      |
| CIELab                              | 24.59, 22.45, -6.75          |
| CIElCh                              | 25, 23.444, 343.276          |
| Yxy                                 | 4.2849, 0.3593,<br>0.2631    |
| Android<br>(android.graphics.Color) | 4283837765<br>(0xFF562D45)   |
| YUV                                 | 59.9950, 4.4395,<br>22.8064  |
| Hunter-Lab                          | 20.6999, 14.2236,<br>-3.1222 |

# Details

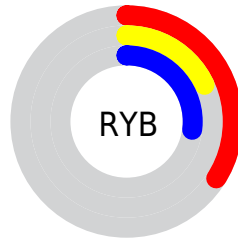
The Hex color **562D45** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D563E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **895C75**, and **28001A** is the 20% darker color. If you saturate the color by 10%, you get **562441**, and if you desaturate by 10%, it is **563649**.

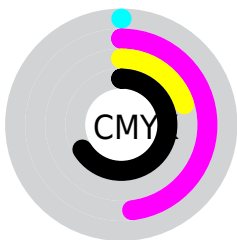
# Distribution



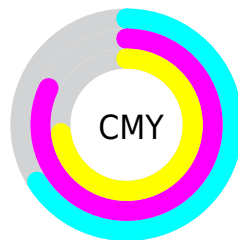
- Red (34%)
- Green (18%)
- Blue (27%)



- Red (34%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (66%)



- Cyan (66%)
- Magenta (82%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 562D45 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 562D45 by changing the saturation by 10% instead.



 562D45

 562D45

FFFFFF

 3E172F

 895C75

 28001A

 A4758F

 000000

 BF8FA9

 DBA9C4

 F8C5E0

 FFE1FD

 FFFEFF

 562D45

 562D45

■ 562441

■ 563649

■ 561C3E

■ 563E4C

■ 56133A

■ 564750

■ 560B37

■ 564F53

■ 560233

■ 565857

■ 560032

■ 56615A

■ 56695E

■ 567262

■ 567A65

# Harmonies

## Analogous

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



463354



562D45



5C2C33

# Triad

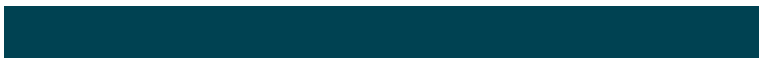
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



562D45



3D3C17



004252

# Complementary

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



562D45



2D563E

# 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.



004342



562D45



2A4020

# Square

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



562D45



4D3618



0E4330



003F5C

# Rectangle

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



562D45



5A2E28



0E4330



00434D



# Sweetspot

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



562D45



70606A



3D2D56



382F34



B8B8B8



383838



# Same Dimension

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



562D45



703056



562D31



2B272A



6B003F



EB0089



# Inverse Universe

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



562D45



703056



2D5652



2B272A



6B003F

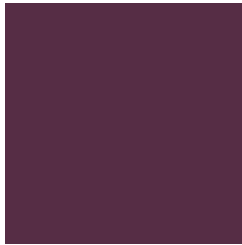


EB0089



# Previews

## White Background



This preview shows how the Hex color 562D45 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

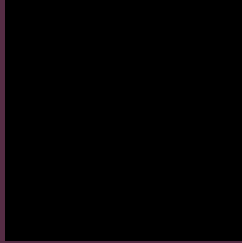
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 562D45 Background



This preview shows how black text looks on a background with the Hex color 562D45.



This preview shows how white text looks on a background with the Hex color 562D45.

# 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**  
562D45

**Protanopia**  
353A4E

**Deuteranopia**  
3D3943



**Tritanopia**  
543034

# Trichromacy



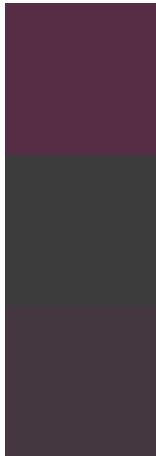
**Original Color**  
562D45

**Protanomaly**  
41354B

**Deuteranomaly**  
463544

**Tritanomaly**  
552F3A

# Monochromacy



**Original Color**  
562D45

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
45373F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 562D45 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 #562D45 looks like.

```
.text, #text, p{  
    color:#562D45  
}
```

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 #562D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562D45
}
```

## Border

The CSS property to change the border of an element to Hex 562D45 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".

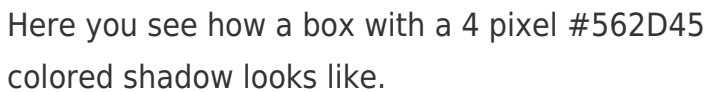
```
.border, #border, table{ border:4px solid
#562D45 }
```

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

```
.border{ border-color:#562D45 }
```

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

Here you see how a box with a 4 pixel #562D45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562D45; -webkit-box-shadow:4px 4px  
4px 4px #562D45; box-shadow:4px 4px 4px  
4px #562D45 }
```

# Background

The CSS property to change the background color of an element to Hex 562D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562D45 }
```

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

```
.background{ background-color:#562D45 }
```

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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