

Converting Colors

Hex(562738)

Have a look what the booklet for
Hex(562738) contains.

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Color

Hex(562738)

Conversions

Conversions Part 1

Format	Color
Hex	562738
RGB	86, 39, 56
RGB Percent	34%, 15%, 22%
CMY	0.6627, 0.8471, 0.7804
CMYK	0.00, 0.55, 0.35, 0.66
HSL	338°, 38%, 25%
HSV	338°, 55%, 34%
XYZ	5.2771, 3.7150, 4.1803
YIQ	54.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

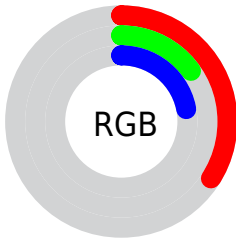
Format	Color
R_{YB}	86, 39, 56
Decimal	5646136
CIE _{Lab}	22.71, 23.91, -0.74
CIE _{LCh}	23, 23.921, 358.237
Yxy	3.7150, 0.4006, 0.2820
Android (android.graphics.Color)	4283836216 (0xFF562738)
YUV	54.9910, 0.4974, 27.1949
Hunter-Lab	19.2743, 15.1411, 0.6329

Details

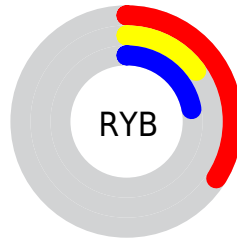
The Hex color **562738** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **275645**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8A5667**, and **28000D** is the 20% darker color. If you saturate the color by 10%, you get **561E33**, and if you desaturate by 10%, it is **56303D**.

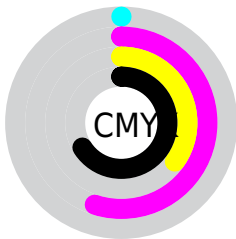
Distribution



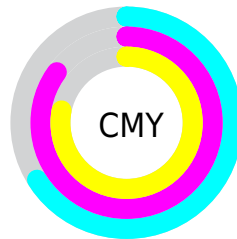
- Red (34%)
- Green (15%)
- Blue (22%)



- Red (34%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (66%)



- Cyan (66%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562738 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 562738 by changing the saturation by 10% instead.

 562738

 562738

FFFFFF

 3D1123

 8A5667

 28000D

 A46F80

 000000

 C0889A

 DCA3B5

 F9BED0

 FFDAEC

 FFF7FF

 562738

 562738

■ 561E33

■ 56303D

■ 56162D

■ 563843

■ 560D28

■ 564148

■ 560522

■ 56494E

■ 56001F

■ 565253

■ 565B59

■ 56635E

■ 566C64

■ 567469

Harmonies

Analogous

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



4B2B49



562738



572926

Triad

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



562738



303A15



003D54

Complementary

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



562738



275645

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.



003F47



562738



193E23

Square

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



562738



413511



003F35



10385A

Rectangle

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



562738



522C1C



003F35



003E50

Sweetspot

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



562738



705E65



452756



382D31



B8B8B8



383838

Same Dimension

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



562738



702641



562D27



2B2729



6B0027



EB0055

Inverse Universe

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



562738



702641



275056



2B2729



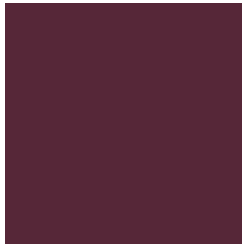
6B0027



EB0055

Previews

White Background



This preview shows how the Hex color 562738 looks on a white background.

Color Contrast Check

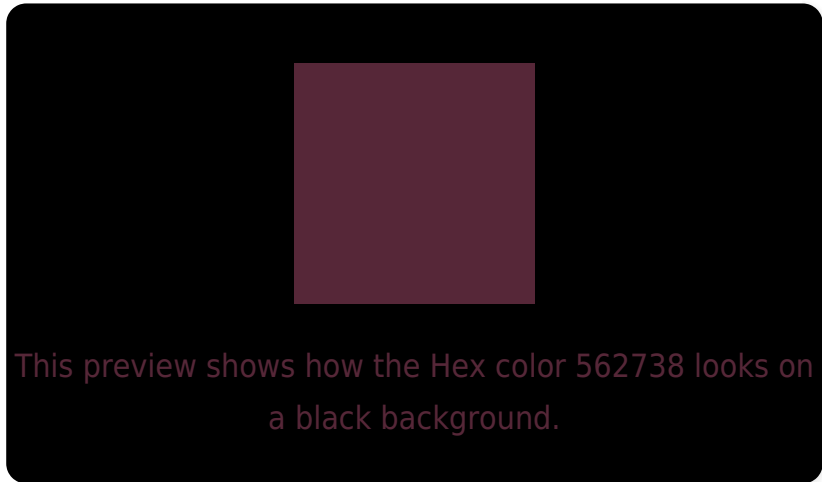
Large Text (above 18pt) WCAG AA ✓ Pass

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

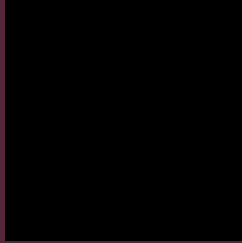
Any Text WCAG AA × Fail

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 562738 Background



This preview shows how black text looks on a background with the Hex color 562738.



This preview shows how white text looks on a background with the Hex color 562738.

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
562738

Protanopia
353642

Deuteranopia
3D3536



Tritanopia
55292C

Trichromacy



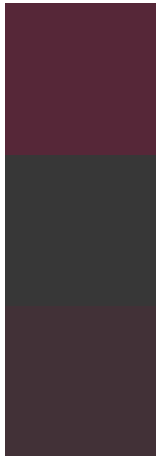
Original Color
562738

Protanomaly
41313E

Deuteranomaly
463037

Tritanomaly
552830

Monochromacy



Original Color
562738

Achromatopsia
373737

Achromatomaly
423137

CSS Examples

Text

The CSS property to change the color of the text to Hex 562738 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 #562738 looks like.

```
.text, #text, p{  
    color:#562738  
}
```

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 #562738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562738  
}
```

Border

The CSS property to change the border of an element to Hex 562738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

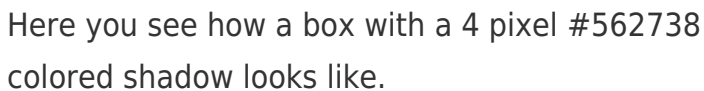
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#562738 }
```

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

```
.border{ border-color:#562738 }
```

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



Here you see how a box with a 4 pixel #562738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562738; -webkit-box-shadow:4px 4px  
4px 4px #562738; box-shadow:4px 4px 4px  
4px #562738 }
```

Background

The CSS property to change the background color of an element to Hex 562738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562738 }
```

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

```
.background{ background-color:#562738 }
```

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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