

Converting Colors

Hex(56212E)

Have a look what the booklet for
Hex(56212E) contains.

Hex(56212E)	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(56212E)

Conversions

Conversions Part 1

Format	Color
Hex	56212E
RGB	86, 33, 46
RGB Percent	34%, 13%, 18%
CMY	0.6627, 0.8706, 0.8196
CMYK	0.00, 0.62, 0.47, 0.66
HSL	345°, 45%, 23%
HSV	345°, 62%, 34%
XYZ	4.8748, 3.2634, 2.9577
YIQ	50.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

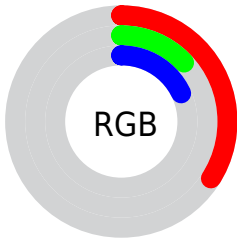
Format	Color
RYB	86, 33, 46
Decimal	5644590
CIELab	21.07, 25.99, 3.79
CIElCh	21, 26.263, 8.300
Yxy	3.2634, 0.4393, 0.2941
Android (android.graphics.Color)	4283834670 (0xFF56212E)
YUV	50.3290, -2.1342, 31.2835
Hunter-Lab	18.0649, 16.5541, 2.9380

Details

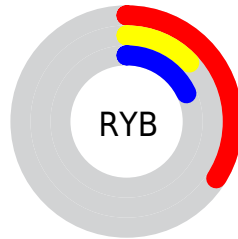
The Hex color **56212E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215649**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8A505C**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **561828**, and if you desaturate by 10%, it is **562A34**.

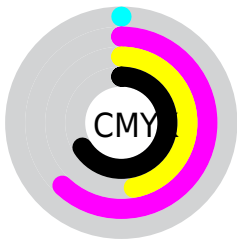
Distribution



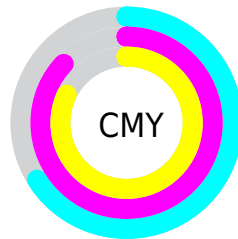
- Red (34%)
- Green (13%)
- Blue (18%)



- Red (34%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (47%)
- Black (66%)



- Cyan (66%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56212E 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 56212E by changing the saturation by 10% instead.

 56212E

 56212E

FFFFFF

 3D0A19

 8A505C

 290001

 A56974

 000000

 C1828E

 DE9DA8

 FBB8C3

 FFD4DF

 FFF0FC

 56212E

 56212E

■ 561828

■ 562A34

■ 561021

■ 56323B

■ 56071B

■ 563B41

■ 560015

■ 564348

■ 564C4E

■ 565555

■ 565D5B

■ 566662

■ 566E68

Harmonies

Analogous

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



4E2441



56212E



53251C

Triad

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



56212E



233812



003856

Complementary

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



56212E



215649

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.



003B4A



56212E



013B24

Square

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



56212E



383309



003C38



173359

Rectangle

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



56212E



4D2A12



003C38



003A53

Sweetspot

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



56212E



705C61



492156



382C2F



B8B8B8



383838

Same Dimension

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



56212E



701D32



562E21



2B2728



6B001A



EB003A

Inverse Universe

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



56212E



701D32



214956



2B2728



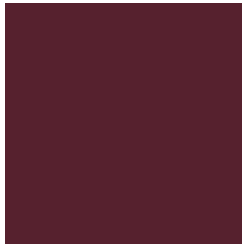
6B001A



EB003A

Previews

White Background



This preview shows how the Hex color 56212E 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

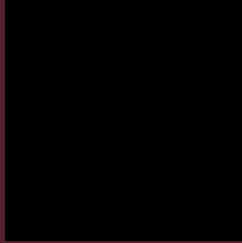
Any Text WCAG AA × Fail

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 56212E Background



This preview shows how black text looks on a background with the Hex color 56212E.



This preview shows how white text looks on a background with the Hex color 56212E.

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
56212E

Protanopia
333338

Deuteranopia
3C322B

Trichromacy



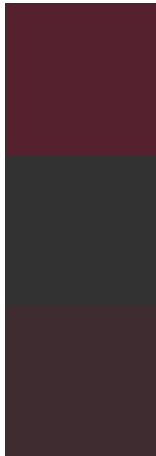
Original Color
56212E

Protanomaly
402C34

Deuteranomaly
452C2C

Tritanomaly
552228

Monochromacy



Original Color
56212E

Achromatopsia
323232

Achromatomaly
3F2C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 56212E 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 #56212E looks like.

```
.text, #text, p{  
    color:#56212E  
}
```

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 #56212E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56212E
}
```

Border

The CSS property to change the border of an element to Hex 56212E 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".

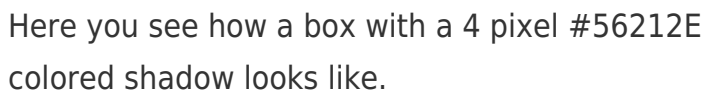
```
.border, #border, table{ border:4px solid
#56212E }
```

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

```
.border{ border-color:#56212E }
```

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

Here you see how a box with a 4 pixel #56212E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #56212E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56212E; -webkit-box-shadow:4px 4px  
4px 4px #56212E; box-shadow:4px 4px 4px  
4px #56212E }
```

Background

The CSS property to change the background color of an element to Hex 56212E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56212E }
```

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

```
.background{ background-color:#56212E }
```

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