

Converting Colors

Hex(512E25)

Have a look what the booklet for
Hex(512E25) contains.

Hex(512E25)	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(512E25)

Conversions

Conversions Part 1

Format	Color
Hex	512E25
RGB	81, 46, 37
RGB Percent	32%, 18%, 15%
CMY	0.6824, 0.8196, 0.8549
CMYK	0.00, 0.43, 0.54, 0.68
HSL	12°, 37%, 23%
HSV	12°, 54%, 32%
XYZ	4.7043, 3.8369, 2.2429
YIQ	55.4390, 23.7490, 4.6210

Conversions

Conversions Part 2

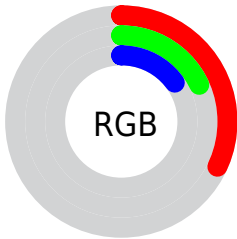
Format	Color
R_{YB}	81, 48, 37
Decimal	5320229
CIE _{Lab}	23.12, 14.94, 12.63
CIE _{LCh}	23, 19.562, 40.218
Yxy	3.8369, 0.4362, 0.3558
Android (android.graphics.Color)	4283510309 (0xFF512E25)
YUV	55.4390, -9.0904, 22.4170
Hunter-Lab	19.5880, 8.5897, 6.9226

Details

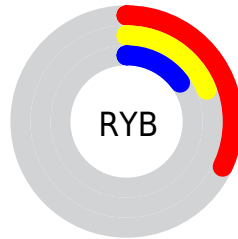
The Hex color **512E25** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **254851**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **845C52**, and **230000** is the 20% darker color. If you saturate the color by 10%, you get **51281D**, and if you desaturate by 10%, it is **51342D**.

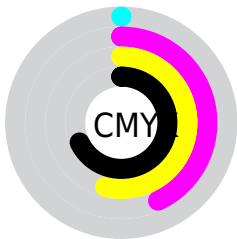
Distribution



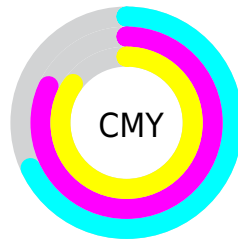
- Red (32%)
- Green (18%)
- Blue (15%)



- Red (32%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (68%)




- Cyan (68%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512E25 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 512E25 by changing the saturation by 10% instead.

 512E25

 512E25

FFFFFF

 391910

 845C52

 230000

 9F756A

 000000


 BB8F83

 D7A99D

 F4C5B8

 FFE1D4

 FFFDF0

 512E25

 512E25

■ 51281D

■ 51342D

■ 512115

■ 513B35

■ 511B0D

■ 51413D

■ 511405

■ 514845

■ 511100

■ 514E4E

■ 515556

■ 515B5E

■ 516266

■ 51686E

Harmonies

Analogous

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



532B33



512E25



48331C

Triad

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



512E25



183E2D



293754

Complementary

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



512E25



254851

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.



093B52



512E25



003F3C

Square

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



512E25



2C3C20



003E4A



3F314D

Rectangle

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



512E25



403619



003E4A



203954

Sweetspot

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



512E25



695B58



512548



362D2B



B5B5B5



363636

Same Dimension

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



512E25



693225



514425



292625



691500



E82F00

Inverse Universe

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



254851



255B69



253251



252829



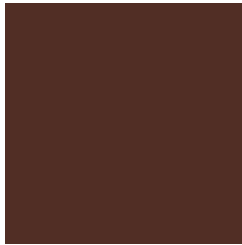
005369



00B9E8

Previews

White Background



This preview shows how the Hex color 512E25 looks on a white background.

Color Contrast Check

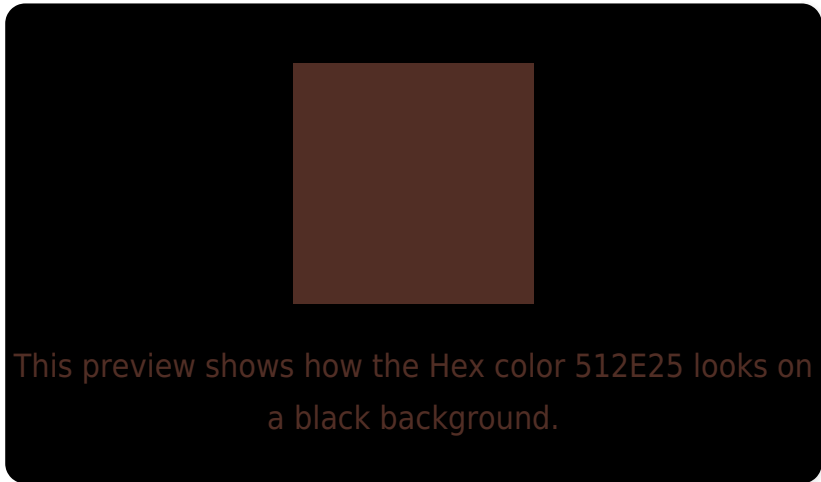
Large Text (above 18pt) WCAG AA ✓ Pass

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

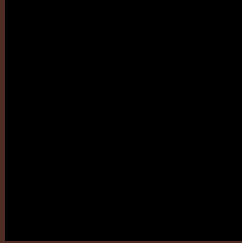
Any Text WCAG AA × Fail

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 512E25 Background



This preview shows how black text looks on a background with the Hex color 512E25.

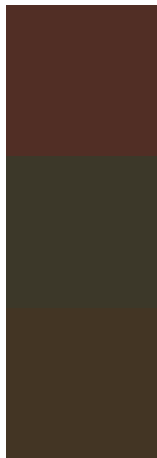


This preview shows how white text looks on a background with the Hex color 512E25.

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
512E25

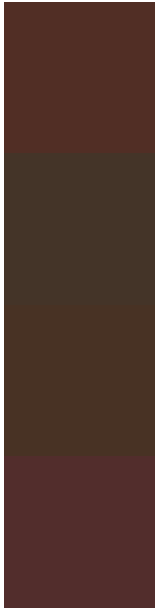
Protanopia
3C3829

Deuteranopia
433524



Tritanopia
522D30

Trichromacy



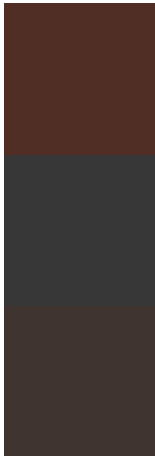
Original Color
512E25

Protanomaly
443428

Deuteranomaly
483224

Tritanomaly
522D2C

Monochromacy



Original Color
512E25

Achromatopsia
373737

Achromatomaly
403430

CSS Examples

Text

The CSS property to change the color of the text to Hex 512E25 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 #512E25 looks like.

```
.text, #text, p{  
    color:#512E25  
}
```

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 #512E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512E25
}
```

Border

The CSS property to change the border of an element to Hex 512E25 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
#512E25 }
```

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

```
.border{ border-color:#512E25 }
```

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

Here you see how a box with a 4 pixel #512E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512E25; -webkit-box-shadow:4px 4px  
4px 4px #512E25; box-shadow:4px 4px 4px  
4px #512E25 }
```

Background

The CSS property to change the background color of an element to Hex 512E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512E25 }
```

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

```
.background{ background-color:#512E25 }
```

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