

Converting Colors

Hex(5D2403)

Have a look what the booklet for
Hex(5D2403) contains.

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Color

Hex(5D2403)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 5D2403 |
| RGB | 93, 36, 3 |
| RGB Percent | 36%, 14%, 1% |
| CMY | 0.6353, 0.8588, 0.9882 |
| CMYK | 0.00, 0.61, 0.97, 0.64 |
| HSL | 22°, 94%, 19% |
| HSV | 22°, 97%, 36% |
| XYZ | 5.1615, 3.5955, 0.5081 |
| YIQ | 49.2810, 44.5650, 1.8210 |

Conversions

Conversions Part 2

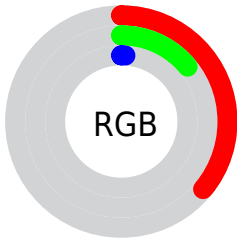
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 93, 55, 3 |
| Decimal | 6104067 |
| CIE _{Lab} | 22.29, 24.32, 31.16 |
| CIE _{LCh} | 22, 39.522, 52.031 |
| Yxy | 3.5955, 0.5571, 0.3881 |
| Android (android.graphics.Color) | 4284294147 (0xFF5D2403) |
| YUV | 49.2810, -22.8165, 38.3416 |
| Hunter-Lab | 18.9618, 15.4058, 11.6845 |

Details

The Hex color **5D2403** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **033C5D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **945331**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D2200**, and if you desaturate by 10%, it is **5D2A0C**.

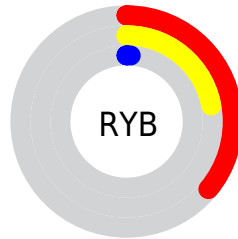
Distribution



Red (36%)

Green (14%)

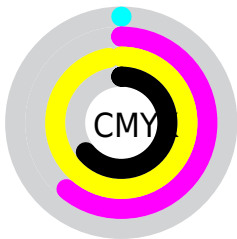
Blue (1%)



Red (36%)

Yellow (22%)

Blue (1%)

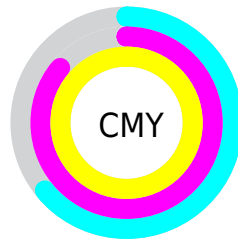


Cyan (0%)

Magenta (61%)

Yellow (97%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2403 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 5D2403 by changing the saturation by 10% instead.

 5D2403

 5D2403

 FFFFE6

 420D00

 945331

 2A0000

 B16B48

 000000

 CE8561

 EC9F7A

 FFBA94

 FFD6AE

 FFF3CA

 5D2403

 5D2403

■ 5D2200

■ 5D2A0C

■ 5D3016

■ 5D361F

■ 5D3C28

■ 5D4132

■ 5D473B

■ 5D4D44

■ 5D534D

■ 5D5957

Harmonies

Analogous

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



681621



5D2403



493100

Triad

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



5D2403



00422C



20316C

Complementary

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



5D2403



033C5D

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.



003B70



5D2403



00424B

Square

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



5D2403



003F0D



004163



50225A

Rectangle

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



5D2403



383800



004163



00356F

Sweetspot

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



5D2403



786255



5D033C



3D3028



BDBDBD



3D3D3D

Same Dimension

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



5D2403



782C00



5D5103



2E2B29



6E2800



ED5700

Inverse Universe

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



033C5D



004C78



030F5D



292C2E



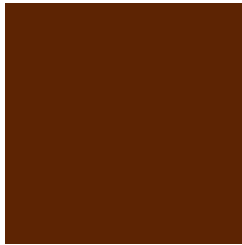
00456E



0096ED

Previews

White Background



This preview shows how the Hex color 5D2403 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

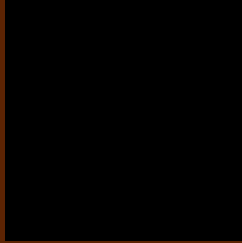
Any Text WCAG AA × Fail

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 5D2403 Background



This preview shows how black text looks on a background with the Hex color 5D2403.



This preview shows how white text looks on a background with the Hex color 5D2403.

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
5D2403

Protanopia
3D370A

Deuteranopia
453400



Tritanopia
5E2223

Trichromacy



Original Color
5D2403

Protanomaly
493007

Deuteranomaly
4E2E01

Tritanomaly
5E2317

Monochromacy



Original Color
5D2403

Achromatopsia
313131

Achromatomaly
412C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2403 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 #5D2403 looks like.

```
.text, #text, p{  
    color:#5D2403  
}
```

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 #5D2403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2403  
}
```

Border

The CSS property to change the border of an element to Hex 5D2403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

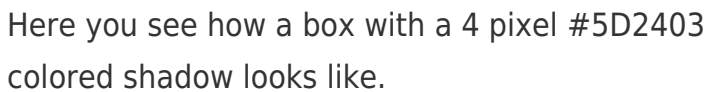
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5D2403 }
```

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

```
.border{ border-color:#5D2403 }
```

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



Here you see how a box with a 4 pixel #5D2403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2403; -webkit-box-shadow:4px 4px  
4px 4px #5D2403; box-shadow:4px 4px 4px  
4px #5D2403 }
```

Background

The CSS property to change the background color of an element to Hex 5D2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2403 }
```

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

```
.background{ background-color:#5D2403 }
```

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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