

Converting Colors

Hex(5D4122)

Have a look what the booklet for
Hex(5D4122) contains.

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Color

Hex(5D4122)

Conversions

Conversions Part 1

Format	Color
Hex	5D4122
RGB	93, 65, 34
RGB Percent	36%, 25%, 13%
CMY	0.6353, 0.7451, 0.8667
CMYK	0.00, 0.30, 0.63, 0.64
HSL	32°, 46%, 25%
HSV	32°, 63%, 36%
XYZ	6.6932, 6.2232, 2.3618
YIQ	69.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

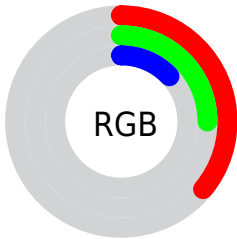
Format	Color
R_{YB}	87, 93, 34
Decimal	6111522
CIE _{Lab}	29.97, 8.33, 23.48
CIE _{LCh}	30, 24.915, 70.457
Yxy	6.2232, 0.4381, 0.4073
Android (android.graphics.Color)	4284301602 (0xFF5D4122)
YUV	69.8380, -17.6681, 20.3131
Hunter-Lab	24.9464, 4.2360, 11.8492

Details

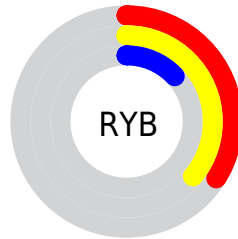
The Hex color **5D4122** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **223E5D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **91714F**, and **2C1600** is the 20% darker color. If you saturate the color by 10%, you get **5D3D19**, and if you desaturate by 10%, it is **5D452B**.

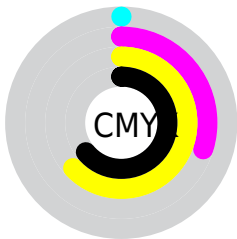
Distribution



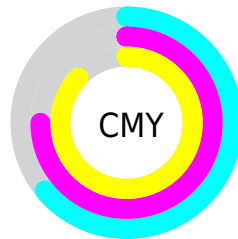
- Red (36%)
- Green (25%)
- Blue (13%)



- Red (34%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4122 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 5D4122 by changing the saturation by 10% instead.

 5D4122

 5D4122

FFFFFF

 442B0D

 91714F

 2C1600

 AD8A68

 130000

 C9A581

 000000

 E5C09B

 FFDBB6

 FFF8D2

 FFFFEE

 5D4122

 5D4122

■ 5D3D19

■ 5D452B

■ 5D380F

■ 5D4A35

■ 5D3406

■ 5D4E3E

■ 5D3100

■ 5D5347

■ 5D5751

■ 5D5B5A

■ 5D6063

■ 5D646C

■ 5D6976

Harmonies

Analogous

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



683A2E



5D4122



4C481F

Triad

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



5D4122



00514D



513F64

Complementary

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



5D4122



223E5D

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.



33466D



5D4122



00505F

Square

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



5D4122



1C5039



004C6B



643954

Rectangle

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



5D4122



3E4B24



004C6B



484168

Sweetspot

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



5D4122



786D61



5D223F



3D372F



BDBDBD



3D3D3D

Same Dimension

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



5D4122



784D1D



5C5D22



2E2C29



6E3A00



ED7D00

Inverse Universe

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



223E5D



1D4878



23225D



292B2E



00346E



0071ED

Previews

White Background



This preview shows how the Hex color 5D4122 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 5D4122 Background



This preview shows how black text looks on a background with the Hex color 5D4122.



This preview shows how white text looks on a background with the Hex color 5D4122.

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
5D4122

Protanopia
4E4724

Deuteranopia
584421



Tritanopia
5F3D42

Trichromacy



Original Color
5D4122

Protanomaly
534523

Deuteranomaly
5A4321

Tritanomaly
5E3E36

Monochromacy



Original Color
5D4122

Achromatopsia
464646

Achromatomaly
4E4439

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4122 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 #5D4122 looks like.

```
.text, #text, p{  
  color:#5D4122  
}
```

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 #5D4122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4122
}
```

Border

The CSS property to change the border of an element to Hex 5D4122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

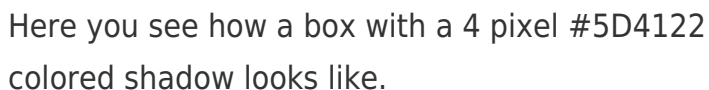
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4122 }
```

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

```
.border{ border-color:#5D4122 }
```

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



Here you see how a box with a 4 pixel #5D4122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4122; -webkit-box-shadow:4px 4px  
4px 4px #5D4122; box-shadow:4px 4px 4px  
4px #5D4122 }
```

Background

The CSS property to change the background color of an element to Hex 5D4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4122 }
```

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

```
.background{ background-color:#5D4122 }
```

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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