

Converting Colors

Decimal(5717523)

Have a look what the booklet for
Decimal(5717523) contains.

Decimal(5717523)	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

Decimal(5717523)

Conversions

Conversions Part 1

Format	Color
Hex	573E13
RGB	87, 62, 19
RGB Percent	34%, 24%, 7%
CMY	0.6588, 0.7569, 0.9255
CMYK	0.00, 0.29, 0.78, 0.66
HSL	38°, 64%, 21%
HSV	38°, 78%, 34%
XYZ	5.7706, 5.5185, 1.3771
YIQ	64.5730, 28.7030, -8.0730

Conversions

Conversions Part 2

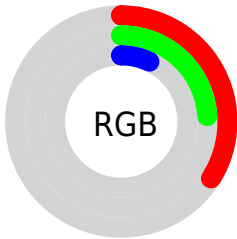
Format	Color
R_{YB}	59, 87, 19
Decimal	5717523
CIE Lab	28.16, 6.16, 29.55
CIE LCh	28, 30.181, 78.231
Yxy	5.5185, 0.4556, 0.4357
Android (android.graphics.Color)	4283907603 (0xFF573E13)
YUV	64.5730, -22.4675, 19.6685
Hunter-Lab	23.4915, 2.7381, 12.9683

Details

The Decimal color **5717523** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1256535**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9203008**, and **2495488** is the 20% darker color. If you saturate the color by 10%, you get **5716746**, and if you desaturate by 10%, it is **5718300**.

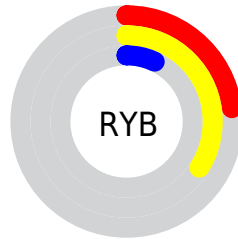
Distribution



Red (34%)

Green (24%)

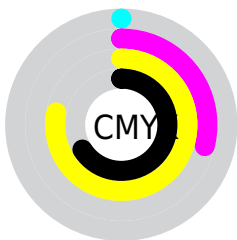
Blue (7%)



Red (23%)

Yellow (34%)

Blue (7%)

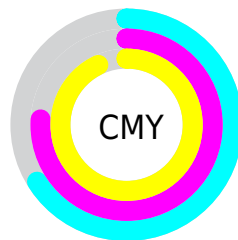


Cyan (0%)

Magenta (29%)

Yellow (78%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5717523 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 Decimal color 5717523 by changing the saturation by 10% instead.

 5717523

 5717523

 16777209

 4139008

 9203008

 2495488

 10979160

 0

 12820849

 14728331

 16635813

 16774337

 16777181

 5717523

 5717523

■ 5716746

■ 5718300

■ 5715970

■ 5719076

■ 5715712

■ 5720109

■ 5720886

■ 5721663

■ 5722439

■ 5723216

■ 5724249

■ 5725025

Harmonies

Analogous

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



6763809



5717523



4343315

Triad

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



5717523



20048



5650018

Complementary

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



5717523



1256535

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.



3358831



5717523



19557

Square

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



5717523



19768



18544



6827853

Rectangle

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



5717523



3164444



18544



4995687

Sweetspot

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



5717523



7366486



5706541



3682856



12105912



3684408

Same Dimension

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



5717523



7358727



5199635



2828839



7029760



15438848

Inverse Universe

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



1256535



470640



1774423



2566443



10091



22251

Previews

White Background



This preview shows how the Decimal color 5717523 looks on a white background.

Color Contrast Check

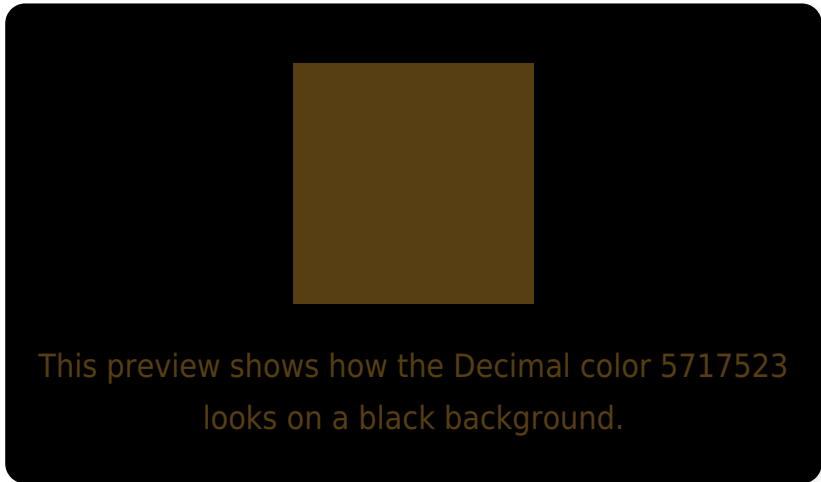
Large Text (above 18pt) WCAG AA ✓ Pass

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

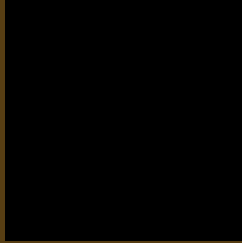
Any Text WCAG AA × Fail

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](#).

Decimal 5717523 Background



This preview shows how black text looks on a background with the Decimal color 5717523.



This preview shows how white text looks on a background with the Decimal color 5717523.

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
5717523

Protanopia
4932372

Deuteranopia
5521170



Tritanopia
5913150

Trichromacy



Original Color
5717523

Protanomaly
5194004

Deuteranomaly
5586706

Tritanomaly
5847854

Monochromacy



Original Color
5717523

Achromatopsia
4276545

Achromatomaly
4800560

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5717523 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 #573E13 looks like.

```
.text, #text, p{  
    color:#573E13  
}
```

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 #573E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573E13
}
```

Border

The CSS property to change the border of an element to Decimal 5717523 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".

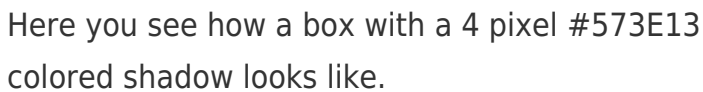
```
.border, #border, table{ border:4px solid
#573E13 }
```

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

```
.border{ border-color:#573E13 }
```

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

Here you see how a box with a 4 pixel #573E13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573E13; -webkit-box-shadow:4px 4px  
4px 4px #573E13; box-shadow:4px 4px 4px  
4px #573E13 }
```

Background

The CSS property to change the background color of an element to Decimal 5717523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573E13 }
```

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

```
.background{ background-color:#573E13 }
```

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