

# Converting Colors

Decimal(5841422)

Have a look what the booklet for  
Decimal(5841422) contains.

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**Color**

**Decimal(5841422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59220E
RGB	89, 34, 14
RGB Percent	35%, 13%, 5%
CMY	0.6510, 0.8667, 0.9451
CMYK	0.00, 0.62, 0.84, 0.65
HSL	16°, 73%, 20%
HSV	16°, 84%, 35%
XYZ	4.7711, 3.2996, 0.8009
YIQ	48.1650, 39.2000, 5.4400

# Conversions

## Conversions Part 2

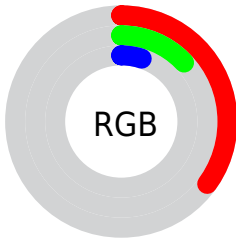
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 41, 14
Decimal	5841422
CIELab	21.21, 24.07, 25.11
CIELCh	21, 34.783, 46.203
Yxy	3.2996, 0.5378, 0.3719
Android (android.graphics.Color)	4284031502 (0xFF59220E)
YUV	48.1650, -16.8433, 35.8123
Hunter-Lab	18.1648, 15.0958, 10.1013

# Details

The Decimal color **5841422** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **935257**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **9457721**, and **2621440** is the 20% darker color. If you saturate the color by 10%, you get **5839621**, and if you desaturate by 10%, it is **5843223**.

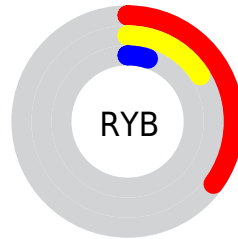
# Distribution



Red (35%)

Green (13%)

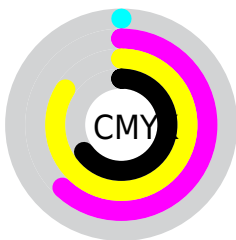
Blue (5%)



Red (35%)

Yellow (16%)

Blue (5%)

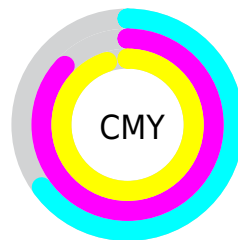


Cyan (0%)

Magenta (62%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (87%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5841422 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 5841422 by changing the saturation by 10% instead.



 5841422

 5841422

 16777199

 4131584

 9457721

 2621440

 11299152

 0

 13206377

 15113602

 16758940

 16766135

 16773331

 5841422

 5841422

■ 5839621

■ 5843223

■ 5838848

■ 5844768

■ 5846569

■ 5848114

■ 5849914

■ 5851459

■ 5853260

■ 5854805

■ 5856606

# Harmonies

## Analogous

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



6297638



5841422



4795648

# Triad

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



5841422



15910



1388901

# Complementary

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



5841422



935257

# 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.



14693



5841422



16193

# Square

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



5841422



1194764



15704



4531543

# Rectangle

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



5841422



3879680



15704



13414



# Sweetspot

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



5841422



7560790



5836357



3878441



12237498



3881787



# Same Dimension

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



5841422



7544576



5850894



2828327



7019776



15417088



# Inverse Universe

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



935257



21619



925785



2566699



20331

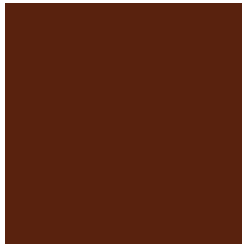


44267



# Previews

## White Background



This preview shows how the Decimal color 5841422 looks on a white background.

## Color Contrast Check

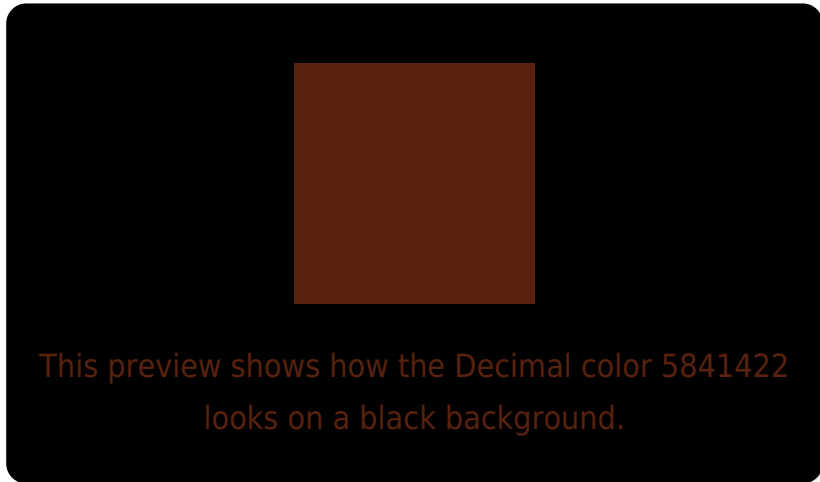
Large Text (above 18pt) WCAG AA ✓ Pass

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

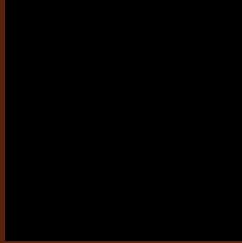
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5841422 Background



This preview shows how black text looks on a background with the Decimal color 5841422.

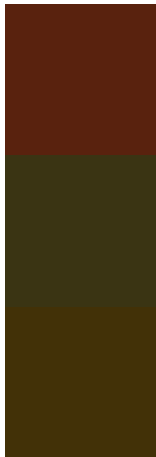


This preview shows how white text looks on a background with the Decimal color 5841422.

# 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**  
5841422

**Protanopia**  
3814419

**Deuteranopia**  
4337927



# Trichromacy



**Original Color**  
5841422

**Protanomaly**  
4533521

**Deuteranomaly**  
4860938

**Tritanomaly**  
5906715

# Monochromacy



**Original Color**  
5841422

**Achromatopsia**  
3158064

**Achromatomaly**  
4139812

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5841422 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 #59220E looks like.

```
.text, #text, p{  
    color:#59220E  
}
```

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 #59220E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59220E
}
```

## Border

The CSS property to change the border of an element to Decimal 5841422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

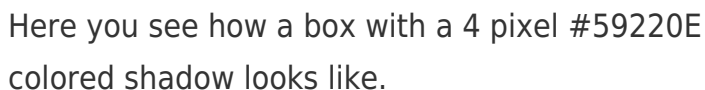
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59220E }
```

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

```
.border{ border-color:#59220E }
```

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



Here you see how a box with a 4 pixel #59220E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59220E; -webkit-box-shadow:4px 4px  
4px 4px #59220E; box-shadow:4px 4px 4px  
4px #59220E }
```

# Background

The CSS property to change the background color of an element to Decimal 5841422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59220E }
```

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

```
.background{ background-color:#59220E }
```

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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