

Converting Colors

Decimal(5783112)

Have a look what the booklet for
Decimal(5783112) contains.

Decimal(5783112)	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(5783112)

Conversions

Conversions Part 1

Format	Color
Hex	583E48
RGB	88, 62, 72
RGB Percent	35%, 24%, 28%
CMY	0.6549, 0.7569, 0.7176
CMYK	0.00, 0.30, 0.18, 0.65
HSL	337°, 17%, 29%
HSV	337°, 30%, 35%
XYZ	6.9168, 5.9878, 6.9221
YIQ	70.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

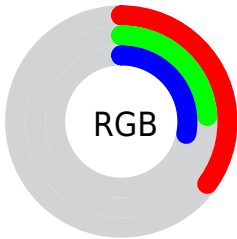
Format	Color
R_{YB}	88, 62, 72
Decimal	5783112
CIE _{Lab}	29.38, 13.14, -1.58
CIE _{LCh}	29, 13.233, 353.153
Yxy	5.9878, 0.3489, 0.3020
Android (android.graphics.Color)	4283973192 (0xFF583E48)
YUV	70.9140, 0.5354, 14.9844
Hunter-Lab	24.4701, 7.6331, 0.3571

Details

The Decimal color **5783112** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4085838**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9072248**, and **2757405** is the 20% darker color. If you saturate the color by 10%, you get **5780803**, and if you desaturate by 10%, it is **5785421**.

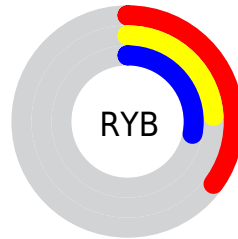
Distribution



Red (35%)

Green (24%)

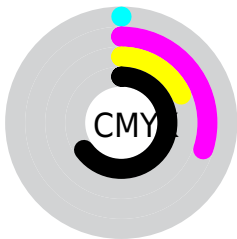
Blue (28%)



Red (35%)

Yellow (24%)

Blue (28%)

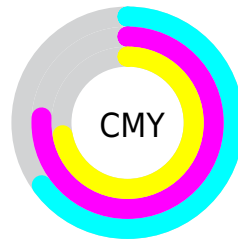


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5783112 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 5783112 by changing the saturation by 10% instead.

■ 5783112

■ 5783112

16777215

■ 4204594

■ 9072248

■ 2757405

■ 10848146

■ 1441794

■ 12624301

■ 0

■ 14466504

■ 16373988

■ 16774655

■ 5783112

■ 5783112

■ 5780803

■ 5785421

■ 5778493

■ 5787731

■ 5776440

■ 5789784

■ 5774130

■ 5792094

■ 5771821

■ 5794403

■ 5769512

■ 5796712

■ 5767202

■ 5799022

■ 5801075

■ 5803385

Harmonies

Analogous

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



5259346



5783112



5914174

Triad

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



5783112



4474674



2771541

Complementary

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



5783112



4085838

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.



2575181



5783112



3754553

Square

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



5783112



5194801



3033922



3491673

Rectangle

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



5783112



5783352



3033922



2640467

Sweetspot

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



5783112



7563372



5127768



3879991



12237498



3881787

Same Dimension

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



5783112



7555930



5783870



2828073



7012393



15401050

Inverse Universe

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



5783112



7555930



4085080



2828073



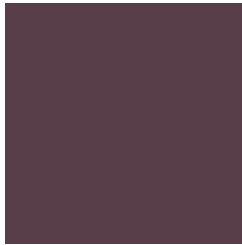
7012393



15401050

Previews

White Background



This preview shows how the Decimal color 5783112 looks on a white background.

Color Contrast Check

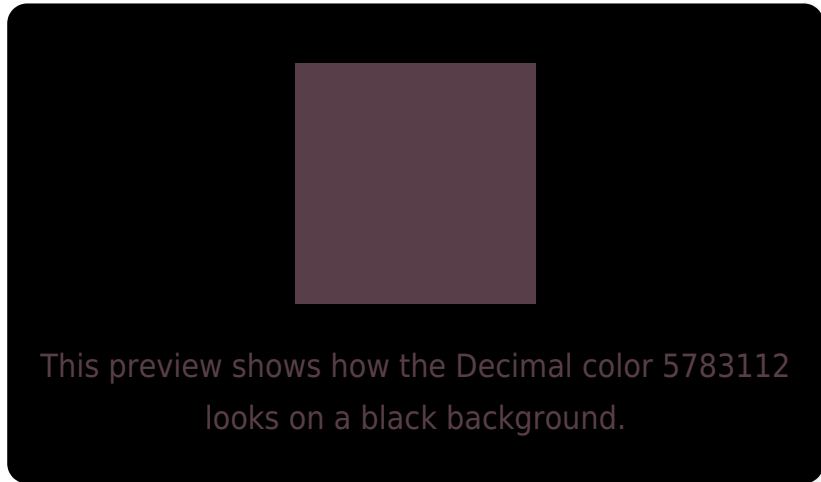
Large Text (above 18pt) WCAG AA ✓ Pass

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

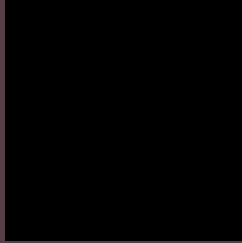
Any Text WCAG AA × Fail

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 5783112 Background



This preview shows how black text looks on a background with the Decimal color 5783112.

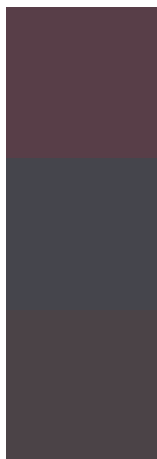


This preview shows how white text looks on a background with the Decimal color 5783112.

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
5783112

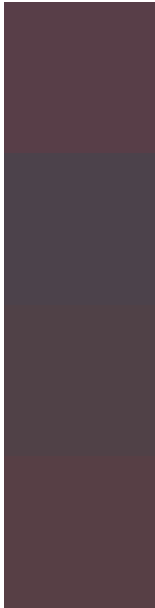
Protanopia
4539724

Deuteranopia
4932423



Tritanopia
5717828

Trichromacy



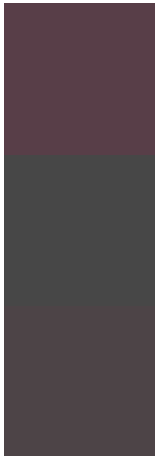
Original Color
5783112

Protanomaly
4997707

Deuteranomaly
5259591

Tritanomaly
5717829

Monochromacy



Original Color
5783112

Achromatopsia
4671303

Achromatomaly
5063751

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5783112 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 #583E48 looks like.

```
.text, #text, p{  
    color:#583E48  
}
```

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 #583E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583E48
}
```

Border

The CSS property to change the border of an element to Decimal 5783112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

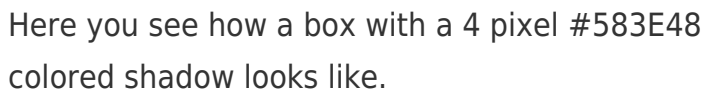
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583E48 }
```

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

```
.border{ border-color:#583E48 }
```

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



Here you see how a box with a 4 pixel #583E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583E48; -webkit-box-shadow:4px 4px  
4px 4px #583E48; box-shadow:4px 4px 4px  
4px #583E48 }
```

Background

The CSS property to change the background color of an element to Decimal 5783112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583E48 }
```

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

```
.background{ background-color:#583E48 }
```

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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