

Converting Colors

Decimal(5966636)

Have a look what the booklet for
Decimal(5966636) contains.

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Color

Decimal(5966636)

Conversions

Conversions Part 1

Format	Color
Hex	5B0B2C
RGB	91, 11, 44
RGB Percent	36%, 4%, 17%
CMY	0.6431, 0.9569, 0.8275
CMYK	0.00, 0.88, 0.52, 0.64
HSL	335°, 78%, 20%
HSV	335°, 88%, 36%
XYZ	4.8887, 2.6453, 2.6358
YIQ	38.6820, 37.0870, 27.2230

Conversions

Conversions Part 2

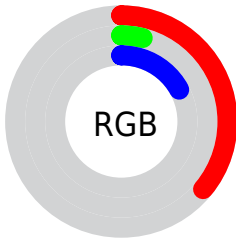
Format	Color
RYB	91, 11, 44
Decimal	5966636
CIELab	18.56, 36.97, 1.74
CIELCh	19, 37.006, 2.689
Yxy	2.6453, 0.4807, 0.2601
Android (android.graphics.Color)	4284156716 (0xFF5B0B2C)
YUV	38.6820, 2.6218, 45.8829
Hunter-Lab	16.2645, 25.1895, 1.7767

Details

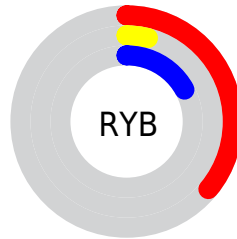
The Decimal color **5966636** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **744250**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **9519193**, and **2818049** is the 20% darker color. If you saturate the color by 10%, you get **5964327**, and if you desaturate by 10%, it is **5968945**.

Distribution



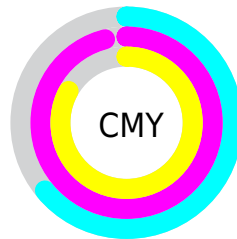
- Red (36%)
- Green (4%)
- Blue (17%)



- Red (36%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (88%)
- Yellow (52%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5966636 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 5966636 by changing the saturation by 10% instead.


 5966636


 5966636

 16776703

 4259864

 9519193

 2818049

 11360626

 0

 13202315

 15175077

 16754881

 16762076

 16769273

 5966636

 5966636

■ 5964327

■ 5968945

■ 5963814

■ 5971255

■ 5973564

■ 5975873

■ 5978439

■ 5980748

■ 5983057

■ 5985367

■ 5987676

Harmonies

Analogous

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



5117510



5966636



5837842

Triad

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



5966636



1848320



13917

Complementary

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



5966636



744250

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.



14666



5966636



14099

Square

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



5966636



3616000



14639



12387

Rectangle

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



5966636



5315840



14639



14168

Sweetspot

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



5966636



7690083



3803995



3876912



12237498



3881787

Same Dimension

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



5966636



7667760



5968395



3025195



7209005



15532130

Inverse Universe

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



5966636



7667760



742491



3025195



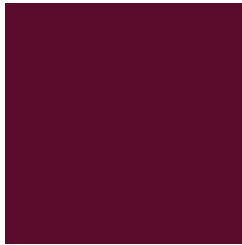
7209005



15532130

Previews

White Background



This preview shows how the Decimal color 5966636 looks on a white background.

Color Contrast Check

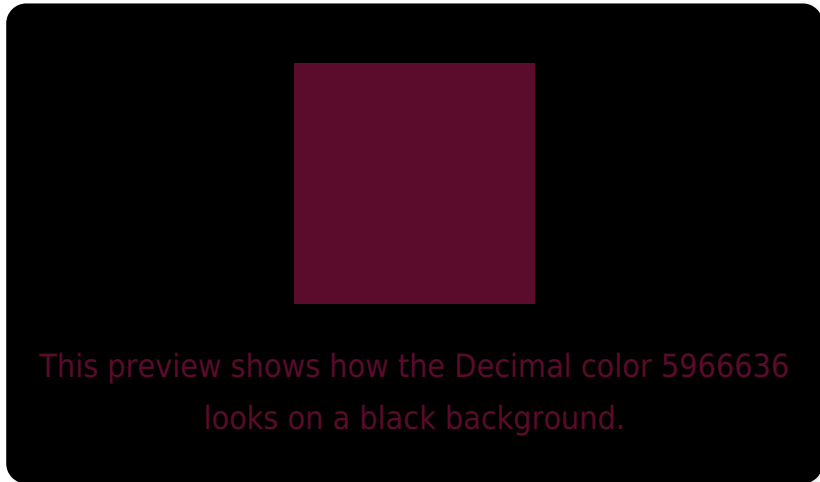
Large Text (above 18pt) WCAG AA ✓ Pass

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

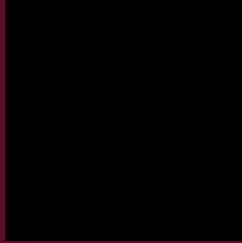
Any Text WCAG AA × Fail

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 5966636 Background



This preview shows how black text looks on a background with the Decimal color 5966636.



This preview shows how white text looks on a background with the Decimal color 5966636.

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
5966636

Protanopia
2895678

Deuteranopia
3616296

Trichromacy



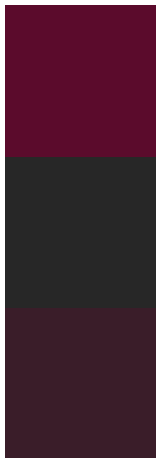
Original Color
5966636

Protanomaly
4006455

Deuteranomaly
4464937

Tritanomaly
5902621

Monochromacy



Original Color
5966636

Achromatopsia
2565927

Achromatomaly
3808553

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5966636 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 #5B0B2C looks like.

```
.text, #text, p{  
    color:#5B0B2C  
}
```

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 #5B0B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0B2C
}
```

Border

The CSS property to change the border of an element to Decimal 5966636 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".

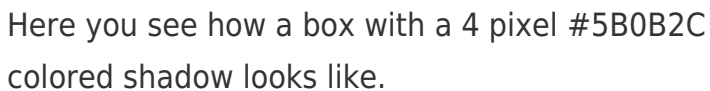
```
.border, #border, table{ border:4px solid
#5B0B2C }
```

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

```
.border{ border-color:#5B0B2C }
```

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

Here you see how a box with a 4 pixel #5B0B2C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0B2C; -webkit-box-shadow:4px 4px  
4px 4px #5B0B2C; box-shadow:4px 4px 4px  
4px #5B0B2C }
```

Background

The CSS property to change the background color of an element to Decimal 5966636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0B2C }
```

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

```
.background{ background-color:#5B0B2C }
```

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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