

Converting Colors

Decimal(7168083)

Have a look what the booklet for
Decimal(7168083) contains.

Decimal(7168083)	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(7168083)

Conversions

Conversions Part 1

Format	Color
Hex	6D6053
RGB	109, 96, 83
RGB Percent	43%, 38%, 33%
CMY	0.5725, 0.6235, 0.6745
CMYK	0.00, 0.12, 0.24, 0.57
HSL	30°, 14%, 38%
HSV	30°, 24%, 43%
XYZ	12.0509, 12.2415, 9.9113
YIQ	98.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

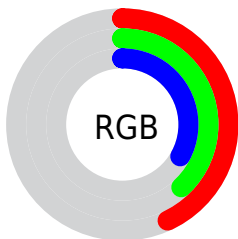
Format	Color
R_{YB}	109, 109, 83
Decimal	7168083
CIE Lab	41.60, 2.92, 9.34
CIE LCh	42, 9.785, 72.623
Yxy	12.2415, 0.3523, 0.3579
Android (android.graphics.Color)	4285358163 (0xFF6D6053)
YUV	98.4050, -7.5947, 9.2918
Hunter-Lab	34.9878, 0.2521, 7.6959

Details

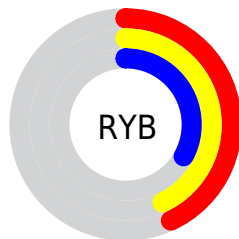
The Decimal color **7168083** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5464173**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10588804**, and **4010534** is the 20% darker color. If you saturate the color by 10%, you get **7166792**, and if you desaturate by 10%, it is **7169374**.

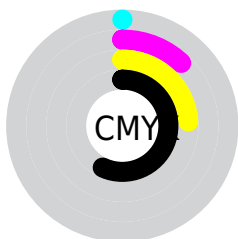
Distribution



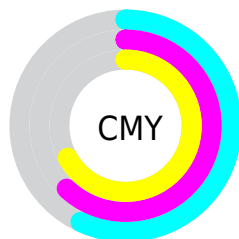
- Red (43%)
- Green (38%)
- Blue (33%)



- Red (43%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7168083 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 7168083 by changing the saturation by 10% instead.



7168083



7168083

16777215



5523516



10588804



4010534



12365215



2563346



14207162



1049344



16049365



0



16777202



7168083



7168083



7166792



7169374



7165245



7170921

■ 7163954

■ 7172212

■ 7162407

■ 7173759

■ 7161117

■ 7175050

■ 7159570

■ 7176596

■ 7158279

■ 7177887

■ 7157504

■ 7179434

■ 7180725

Harmonies

Analogous

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



7495256



7168083



6644562

Triad

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



7168083



5138277



6840174

Complementary

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



7168083



5464173

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.



6185586



7168083



5138029

Square

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



7168083



5465693



5530737



7363943

Rectangle

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



7168083



6251605



5530737



6643824

Sweetspot

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



7168083



9407109



7164768



4670786



13092807



4671303

Same Dimension

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



7168083



9402981



7171411



3552048



7682816



16087552

Inverse Universe

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



5464173



6650511



5460845



3158838



15221



31477

Previews

White Background



This preview shows how the Decimal color 7168083 looks on a white background.

Color Contrast Check

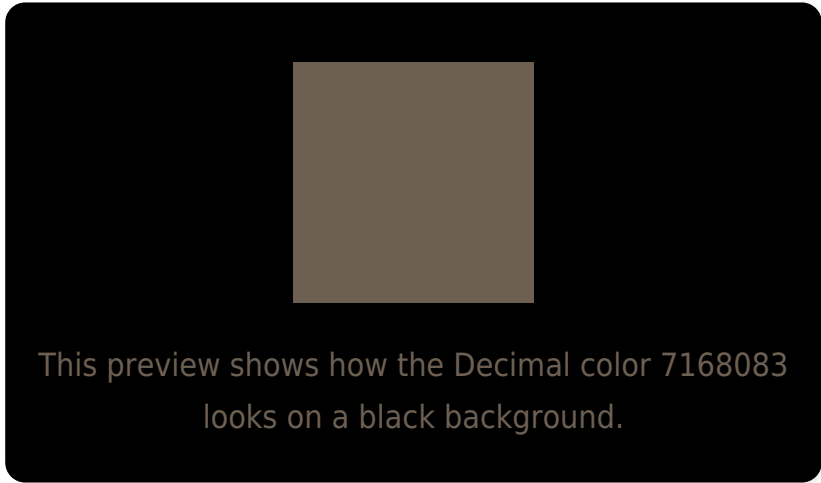
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

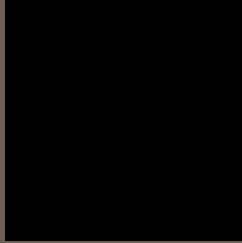
Any Text WCAG AA × Fail

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 7168083 Background



This preview shows how black text looks on a background with the Decimal color 7168083.

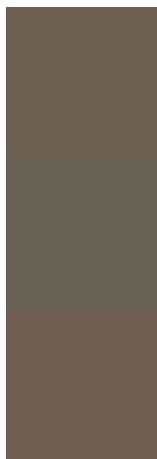


This preview shows how white text looks on a background with the Decimal color 7168083.

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

7168083

Protanopia

6775380

Deuteranopia

7429715



Tritanopia
7298405

Trichromacy



Original Color
7168083

Protanomaly
6906196

Deuteranomaly
7364435

Tritanomaly
7233118

Monochromacy



Original Color
7168083

Achromatopsia
6447714

Achromatomaly
6709597

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7168083 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 #6D6053 looks like.

```
.text, #text, p{  
  color:#6D6053  
}
```

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 #6D6053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6053
}
```

Border

The CSS property to change the border of an element to Decimal 7168083 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".

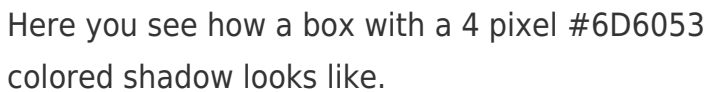
```
.border, #border, table{ border:4px solid
#6D6053 }
```

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

```
.border{ border-color:#6D6053 }
```

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

Here you see how a box with a 4 pixel #6D6053 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6053; -webkit-box-shadow:4px 4px  
4px 4px #6D6053; box-shadow:4px 4px 4px  
4px #6D6053 }
```

Background

The CSS property to change the background color of an element to Decimal 7168083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6053 }
```

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

```
.background{ background-color:#6D6053 }
```

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