

Converting Colors

Decimal(6764080)

Have a look what the booklet for
Decimal(6764080) contains.

Decimal(6764080)	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(6764080)

Conversions

Conversions Part 1

Format	Color
Hex	673630
RGB	103, 54, 48
RGB Percent	40%, 21%, 19%
CMY	0.5961, 0.7882, 0.8118
CMYK	0.00, 0.48, 0.53, 0.60
HSL	7°, 36%, 30%
HSV	7°, 53%, 40%
XYZ	7.4462, 5.7353, 3.5109
YIQ	67.9670, 31.1300, 8.5220

Conversions

Conversions Part 2

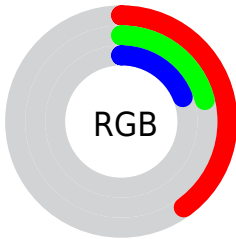
Format	Color
R_{YB}	103, 55, 48
Decimal	6764080
CIE _{Lab}	28.73, 21.12, 13.47
CIE _{LCh}	29, 25.053, 32.527
Yxy	5.7353, 0.4461, 0.3436
Android (android.graphics.Color)	4284954160 (0xFF673630)
YUV	67.9670, -9.8437, 30.7239
Hunter-Lab	23.9485, 13.5903, 8.0720

Details

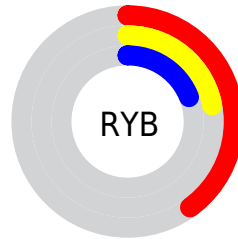
The Decimal color **6764080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3170663**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10315358**, and **3475712** is the 20% darker color. If you saturate the color by 10%, you get **6761766**, and if you desaturate by 10%, it is **6766394**.

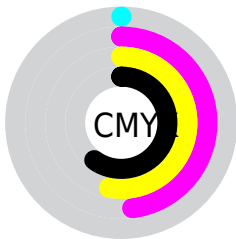
Distribution



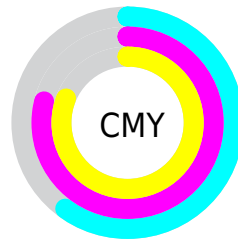
- Red (40%)
- Green (21%)
- Blue (19%)



- Red (40%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6764080 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 6764080 by changing the saturation by 10% instead.



6764080



6764080

16777215



5054491



10315358



3475712



12091255



1900545



13998480



0



15905963



16765126



16772322



6764080



6764080



6761766



6766394

■ 6759451

■ 6768709

■ 6756881

■ 6771279

■ 6754567

■ 6773593

■ 6753024

■ 6775908

■ 6778222

■ 6780536

■ 6782850

■ 6785421

Harmonies

Analogous

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



6763587



6764080



6175778

Triad

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



6764080



2182193



2508138

Complementary

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



6764080



3170663

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.



19046



6764080



20037

Square

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



6764080



3819810



19800



4669028

Rectangle

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



6764080



5521693



19800



1394538

Sweetspot

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



6764080



8877170



6762594



4536632



12895428



4539717

Same Dimension

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



6764080



8862257



6770992



3354158



7539968



15866368

Inverse Universe

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



3170663



3243655



3163751



3027507



26227



55538

Previews

White Background



This preview shows how the Decimal color 6764080 looks on a white background.

Color Contrast Check

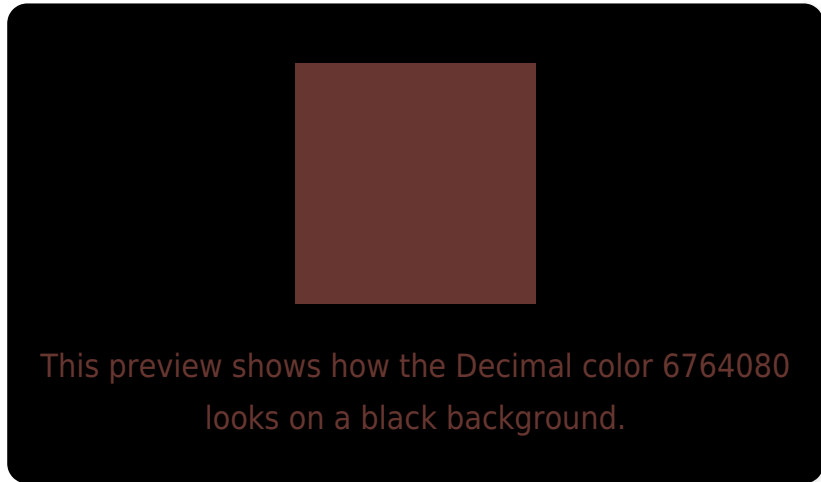
Large Text (above 18pt) WCAG AA ✓ Pass

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

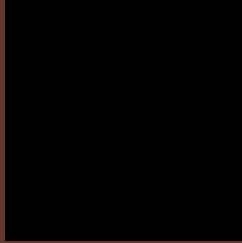
Any Text WCAG AA × Fail

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 6764080 Background



This preview shows how black text looks on a background with the Decimal color 6764080.

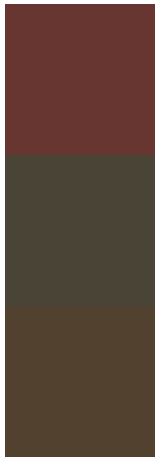


This preview shows how white text looks on a background with the Decimal color 6764080.

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
6764080

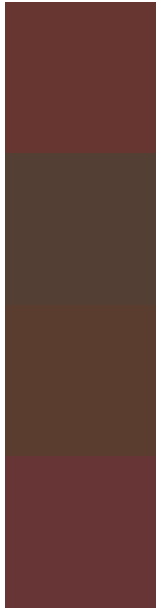
Protanopia
4801590

Deuteranopia
5390638



Tritanopia
6829369

Trichromacy



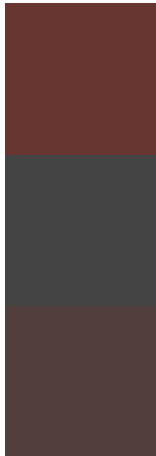
Original Color
6764080

Protanomaly
5521204

Deuteranomaly
5913903

Tritanomaly
6829366

Monochromacy



Original Color
6764080

Achromatopsia
4473924

Achromatomaly
5324605

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6764080 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 #673630 looks like.

```
.text, #text, p{  
    color:#673630  
}
```

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 #673630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673630
}
```

Border

The CSS property to change the border of an element to Decimal 6764080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

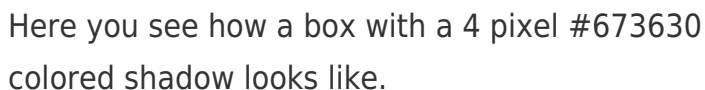
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673630 }
```

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

```
.border{ border-color:#673630 }
```

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



Here you see how a box with a 4 pixel #673630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673630; -webkit-box-shadow:4px 4px  
4px 4px #673630; box-shadow:4px 4px 4px  
4px #673630 }
```

Background

The CSS property to change the background color of an element to Decimal 6764080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673630 }
```

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

```
.background{ background-color:#673630 }
```

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