

Converting Colors

Decimal(6840408)

Have a look what the booklet for
Decimal(6840408) contains.

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Color

Decimal(6840408)

Conversions

Conversions Part 1

Format	Color
Hex	686058
RGB	104, 96, 88
RGB Percent	41%, 38%, 35%
CMY	0.5922, 0.6235, 0.6549
CMYK	0.00, 0.08, 0.15, 0.59
HSL	30°, 8%, 38%
HSV	30°, 15%, 41%
XYZ	11.6532, 12.0134, 10.9371
YIQ	97.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

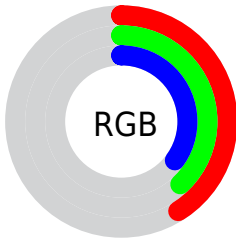
Format	Color
R_{YB}	104, 104, 88
Decimal	6840408
CIE Lab	41.24, 1.68, 5.71
CIE LCh	41, 5.957, 73.616
Yxy	12.0134, 0.3368, 0.3472
Android (android.graphics.Color)	4285030488 (0xFF686058)
YUV	97.4800, -4.6736, 5.7180
Hunter-Lab	34.6603, -0.6416, 5.5531

Details

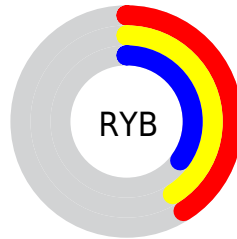
The Decimal color **6840408** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5791848**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10195594**, and **3748395** is the 20% darker color. If you saturate the color by 10%, you get **6839118**, and if you desaturate by 10%, it is **6841698**.

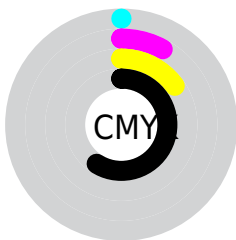
Distribution



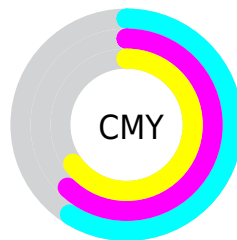
- Red (41%)
- Green (38%)
- Blue (35%)



- Red (41%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6840408 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 6840408 by changing the saturation by 10% instead.



6840408



6840408

16777215



5261377



10195594



3748395



11972004



2301206



13813951



721664



15656155



0



16777208



6840408



6840408



6839118



6841698



6837827



6842989

■ 6836281

■ 6844535

■ 6834990

■ 6845826

■ 6833700

■ 6847116

■ 6832410

■ 6848406

■ 6831119

■ 6849697

■ 6829573

■ 6851243

■ 6829056

■ 6852534

Harmonies

Analogous

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



7036763



6840408



6513240

Triad

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



6840408



5596259



6643560

Complementary

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



6840408



5791848

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.



6250859



6840408



5661800

Square

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



6840408



5792862



5857898



6970980

Rectangle

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



6840408



6251353



5857898



6512745

Sweetspot

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



6840408



8881280



6838368



4539201



12895428



4539717

Same Dimension

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



6840408



8878959



6842456



3354670



7551232



15890688

Inverse Universe

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



5791848



7306119



5789800



3026995



14707



31218

Previews

White Background



This preview shows how the Decimal color 6840408 looks on a white background.

Color Contrast Check

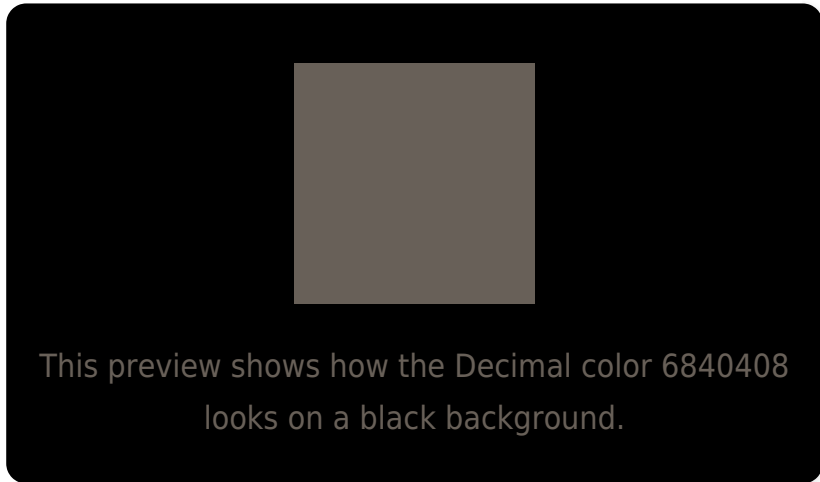
Large Text (above 18pt) WCAG AA ✓ Pass

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

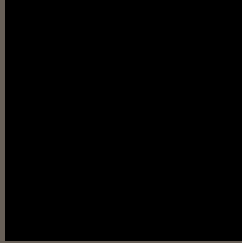
Any Text WCAG AA × Fail

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 6840408 Background



This preview shows how black text looks on a background with the Decimal color 6840408.

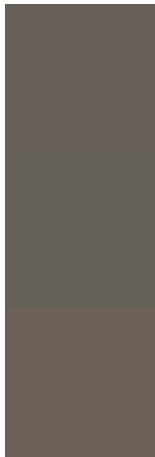


This preview shows how white text looks on a background with the Decimal color 6840408.

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
6840408

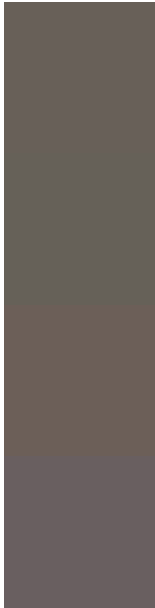
Protanopia
6644056

Deuteranopia
7233112



Tritanopia
6970981

Trichromacy



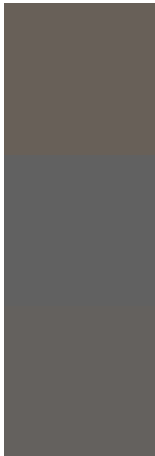
Original Color
6840408

Protanomaly
6709592

Deuteranomaly
7102296

Tritanomaly
6905696

Monochromacy



Original Color
6840408

Achromatopsia
6381921

Achromatomaly
6578526

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6840408 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 #686058 looks like.

```
.text, #text, p{  
    color:#686058  
}
```

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 #686058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686058
}
```

Border

The CSS property to change the border of an element to Decimal 6840408 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".

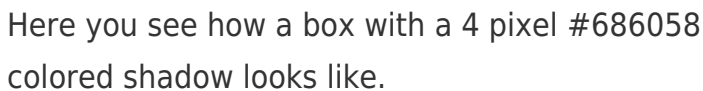
```
.border, #border, table{ border:4px solid
#686058 }
```

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

```
.border{ border-color:#686058 }
```

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

Here you see how a box with a 4 pixel #686058 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686058; -webkit-box-shadow:4px 4px  
4px 4px #686058; box-shadow:4px 4px 4px  
4px #686058 }
```

Background

The CSS property to change the background color of an element to Decimal 6840408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686058 }
```

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

```
.background{ background-color:#686058 }
```

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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