

Converting Colors

Decimal(6842112)

Have a look what the booklet for
Decimal(6842112) contains.

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Color

Decimal(6842112)

Conversions

Conversions Part 1

Format	Color
Hex	686700
RGB	104, 103, 0
RGB Percent	41%, 40%, 0%
CMY	0.5922, 0.5961, 1.0000
CMYK	0.00, 0.01, 1.00, 0.59
HSL	59°, 100%, 20%
HSV	59°, 100%, 41%
XYZ	10.5592, 12.6436, 1.8839
YIQ	91.5570, 33.6590, -31.8210

Conversions

Conversions Part 2

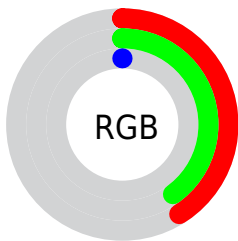
Format	Color
R_YB	1, 104, 0
Decimal	6842112
CIE _{Lab}	42.22, -10.59, 48.65
CIE _{LCh}	42, 49.792, 102.280
Yxy	12.6436, 0.4209, 0.5040
Android (android.graphics.Color)	4285032192 (0xFF686700)
YUV	91.5570, -45.1376, 10.9125
Hunter-Lab	35.5578, -9.2191, 21.7491

Details

The Decimal color **6842112** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **360**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **10394171**, and **3487744** is the 20% darker color. If you saturate the color by 10%, you get **6842112**, and if you desaturate by 10%, it is **6842122**.

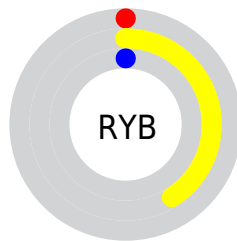
Distribution



Red (41%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (41%)

Blue (0%)

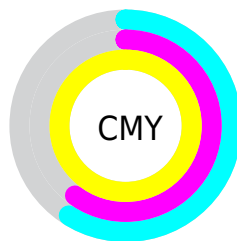


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (59%)



Cyan (59%)

















Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6842112 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 6842112 by changing the saturation by 10% instead.

 6842112	 6842112
 16777210	 5132032
 10394171	 3487744
 12235861	 1843968
 14143599	 3840
 16051337	 0
 16777125	
 16777152	
 16777181	
 6842112	

 6842122

 6842133

 6842143

 6842154

 6842420

 6842430

 6842441

 6842451

 6842462

Harmonies

Analogous

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



9132300



6842112



3764257

Triad

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



6842112



30106



10567550

Complementary

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



6842112



360

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.



8081825



6842112



28594

Square

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



6842112



30580



2712500



11352916

Rectangle

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



6842112



29755



2712500



9913483

Sweetspot

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



6842112



8882015



6815746



4539692



12895428



4539717

Same Dimension

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



6842112



8881664



3565568



3355438



7565824



15921152

Inverse Universe

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



360



391



3276904



3026483



371



754

Previews

White Background



This preview shows how the Decimal color 6842112 looks on a white background.

Color Contrast Check

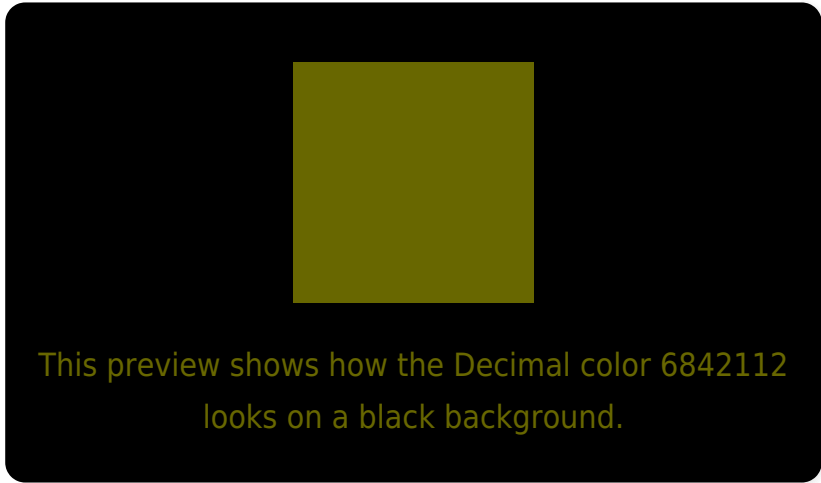
Large Text (above 18pt) WCAG AA ✓ Pass

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

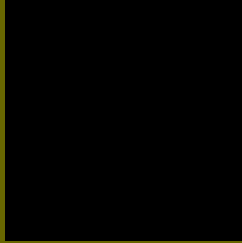
Any Text WCAG AA × Fail

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 6842112 Background



This preview shows how black text looks on a background with the Decimal color 6842112.



This preview shows how white text looks on a background with the Decimal color 6842112.

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

6842112

Protanopia

7431168

Deuteranopia

8281871



Tritanopia
7299175

Trichromacy



Original Color
6842112

Protanomaly
7234816

Deuteranomaly
7758346

Tritanomaly
7103298

Monochromacy



Original Color
6842112

Achromatopsia
6052956

Achromatomaly
6316091

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6842112 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 #686700 looks like.

```
.text, #text, p{  
    color:#686700  
}
```

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 #686700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686700
}
```

Border

The CSS property to change the border of an element to Decimal 6842112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

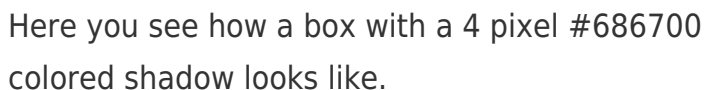
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686700 }
```

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

```
.border{ border-color:#686700 }
```

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



Here you see how a box with a 4 pixel #686700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686700; -webkit-box-shadow:4px 4px  
4px 4px #686700; box-shadow:4px 4px 4px  
4px #686700 }
```

Background

The CSS property to change the background color of an element to Decimal 6842112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686700 }
```

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

```
.background{ background-color:#686700 }
```

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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