

Converting Colors

Decimal(16438618)

Have a look what the booklet for
Decimal(16438618) contains.

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Color

Decimal(16438618)

Conversions

Conversions Part 1

Format	Color
Hex	FAD55A
RGB	250, 213, 90
RGB Percent	98%, 84%, 35%
CMY	0.0196, 0.1647, 0.6471
CMYK	0.00, 0.15, 0.64, 0.02
HSL	46°, 94%, 67%
HSV	46°, 64%, 98%
XYZ	65.0641, 68.6507, 19.4945
YIQ	210.0410, 61.5350, -30.4090

Conversions

Conversions Part 2

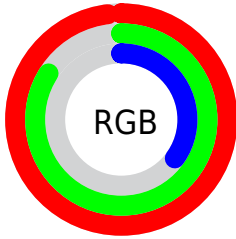
Format	Color
RYB	138, 250, 90
Decimal	16438618
CIELab	86.33, -0.42, 63.71
CIELCh	86, 63.710, 90.378
Yxy	68.6507, 0.4247, 0.4481
Android (android.graphics.Color)	4294628698 (0xFFFAD55A)
YUV	210.0410, -59.1802, 35.0440
Hunter-Lab	82.8557, -4.8269, 44.0491

Details

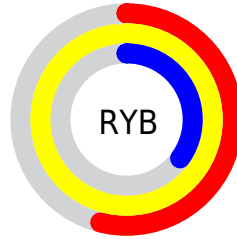
The Decimal color **16438618** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5931002**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16777105**, and **12492577** is the 20% darker color. If you saturate the color by 10%, you get **16437057**, and if you desaturate by 10%, it is **16440179**.

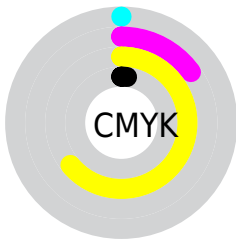
Distribution



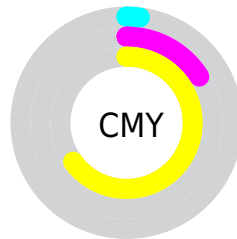
- Red (98%)
- Green (84%)
- Blue (35%)



- Red (54%)
- Yellow (98%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (64%)
- Black (2%)


















- Cyan (2%)
- Magenta (16%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16438618 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 16438618 by changing the saturation by 10% instead.

 16438618	 16438618
16777215	 14465343
 16777105	 12492577
 16777133	 10585344
 16777161	 8678400
 16777190	 6902784
	 5061888
	 3352576
	 1709056
	 0

16438618

16438618

16437057

16440179

16435496

16441740

16434191

16443045

16433152

16444606

16446167

16447728

16449023

16449535

Harmonies

Analogous

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



16760687



16438618



12445291

Triad

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



16438618



62975



16757247

Complementary

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



16438618



5931002

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.



14469375



16438618



61183

Square

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



16438618



63191



6545151



16753882

Rectangle

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



16438618



9170568



6545151



16759039

Sweetspot

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



16438618



16774351



16407167



8419682



0



8421504

Same Dimension

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



16438618



16765499



13630042



8223344



12423424



4009728

Inverse Universe

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



5931002



3893503



8739578



7369597



11453



3645

Previews

White Background



This preview shows how the Decimal color 16438618 looks on a white 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

Black Background



This preview shows how the Decimal color 16438618 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16438618 Background



This preview shows how black text looks on a background with the Decimal color 16438618.



This preview shows how white text looks on a background with the Decimal color 16438618.

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
16438618

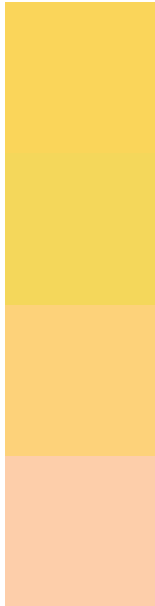
Protanopia
15784027

Deuteranopia
16765325



Tritanopia
16763608

Trichromacy



Original Color
16438618

Protanomaly
16045915

Deuteranomaly
16634490

Tritanomaly
16633514

Monochromacy



Original Color
16438618

Achromatopsia
13816530

Achromatomaly
14799782

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16438618 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 #FAD55A looks like.

```
.text, #text, p{  
    color:#FAD55A  
}
```

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 #FAD55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAD55A
}
```

Border

The CSS property to change the border of an element to Decimal 16438618 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
#FAD55A }
```

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

```
.border{ border-color:#FAD55A }
```

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

Here you see how a box with a 4 pixel #FAD55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAD55A; -webkit-box-shadow:4px 4px  
4px 4px #FAD55A; box-shadow:4px 4px 4px  
4px #FAD55A }
```

Background

The CSS property to change the background color of an element to Decimal 16438618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAD55A }
```

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

```
.background{ background-color:#FAD55A }
```

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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