

Converting Colors

Decimal(15784821)

Have a look what the booklet for
Decimal(15784821) contains.

Decimal(15784821)	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(15784821)

Conversions

Conversions Part 1

Format	Color
Hex	F0DB75
RGB	240, 219, 117
RGB Percent	94%, 86%, 46%
CMY	0.0588, 0.1412, 0.5412
CMYK	0.00, 0.09, 0.51, 0.06
HSL	50°, 80%, 70%
HSV	50°, 51%, 94%
XYZ	64.4776, 70.4727, 27.0339
YIQ	213.6510, 45.2580, -27.2700

Conversions

Conversions Part 2

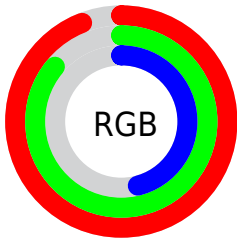
Format	Color
RYB	142, 240, 117
Decimal	15784821
CIELab	87.23, -5.62, 52.28
CIElCh	87, 52.577, 96.132
Yxy	70.4727, 0.3980, 0.4351
Android (android.graphics.Color)	4293974901 (0xFFFF0DB75)
YUV	213.6510, -47.6489, 23.1081
Hunter-Lab	83.9480, -9.8092, 39.6704

Details

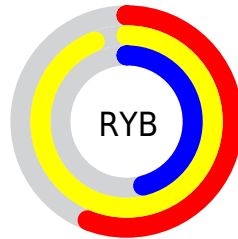
The Decimal color **15784821** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7703280**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777131**, and **11969601** is the 20% darker color. If you saturate the color by 10%, you get **15783773**, and if you desaturate by 10%, it is **15785869**.

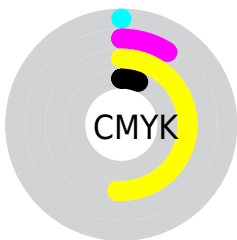
Distribution



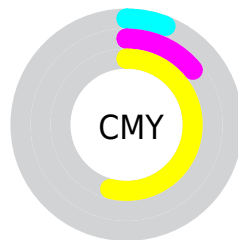
- Red (94%)
- Green (86%)
- Blue (46%)



- Red (56%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (6%)

















- Cyan (6%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15784821 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 15784821 by changing the saturation by 10% instead.

 15784821	 15784821
16777215	 13877083
 16777131	 11969601
 16777159	 10062374
 16777188	 8286468
	 6510848
	 4800768
	 3091456
	 1447936
	 0

15784821

15784821

15783773

15785869

15782725

15786917

15781677

15787965

15780629

15789013

15779584

15790061

15791359

15792383

15793407

15794175

Harmonies

Analogous

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



16763520



15784821



12315016

Triad

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



15784821



62463



16759295

Complementary

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



15784821



7703280

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.



15583999



15784821



1305599

Square

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



15784821



62948



10411263



16757458

Rectangle

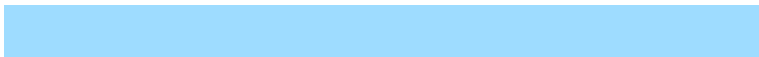
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15784821



9629601



10411263



16760575

Sweetspot

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



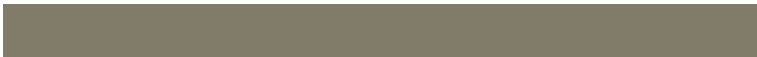
15784821



16775385



15758732



8420457



0



8421504

Same Dimension

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



15784821



16770145



13234293



7894636



12097536



3682048

Inverse Universe

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



7703280



6388991



10253808



7106168



8120



2616

Previews

White Background



This preview shows how the Decimal color 15784821 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 15784821 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 15784821 Background



This preview shows how black text looks on a background with the Decimal color 15784821.




This preview shows how white text looks on a background with the Decimal color 15784821.

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](#).

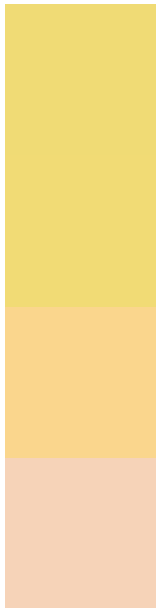
Dichromacy





Tritanopia
16437215

Trichromacy



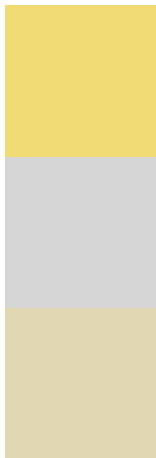
Original Color
15784821

Protanomaly
15850357

Deuteranomaly
16438925

Tritanomaly
16176056

Monochromacy



Original Color
15784821

Achromatopsia
14079702

Achromatomaly
14670003

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15784821 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 #F0DB75 looks like.

```
.text, #text, p{  
  color:#F0DB75  
}
```

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 #F0DB75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0DB75
}
```

Border

The CSS property to change the border of an element to Decimal 15784821 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
#F0DB75 }
```

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

```
.border{ border-color:#F0DB75 }
```

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

Here you see how a box with a 4 pixel #F0DB75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0DB75; -webkit-box-shadow:4px 4px  
4px 4px #F0DB75; box-shadow:4px 4px 4px  
4px #F0DB75 }
```

Background

The CSS property to change the background color of an element to Decimal 15784821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0DB75 }
```

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

```
.background{ background-color:#F0DB75 }
```

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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