

Converting Colors

Decimal(16364100)

Have a look what the booklet for
Decimal(16364100) contains.

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Color

Decimal(16364100)

Conversions

Conversions Part 1

Format	Color
Hex	F9B244
RGB	249, 178, 68
RGB Percent	98%, 70%, 27%
CMY	0.0235, 0.3020, 0.7333
CMYK	0.00, 0.29, 0.73, 0.02
HSL	36°, 94%, 62%
HSV	36°, 73%, 98%
XYZ	56.0307, 52.3979, 12.6295
YIQ	186.6890, 77.6260, -19.1580

Conversions

Conversions Part 2

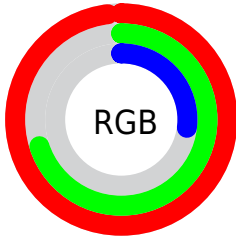
Format	Color
RYB	185, 249, 68
Decimal	16364100
CIELab	77.52, 16.15, 63.70
CIELCh	78, 65.715, 75.776
Yxy	52.3979, 0.4628, 0.4328
Android (android.graphics.Color)	4294554180 (0xFFFF9B244)
YUV	186.6890, -58.5137, 54.6467
Hunter-Lab	72.3864, 11.4918, 40.3259

Details

The Decimal color **16364100** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4492281**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16771706**, and **12352768** is the 20% darker color. If you saturate the color by 10%, you get **16361515**, and if you desaturate by 10%, it is **16366685**.

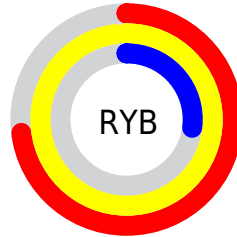
Distribution



Red (98%)

Green (70%)

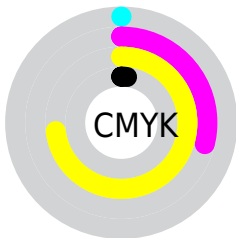
Blue (27%)



Red (73%)

Yellow (98%)

Blue (27%)

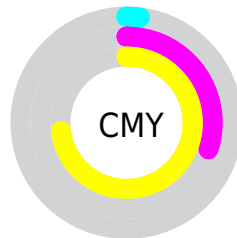


Cyan (0%)

Magenta (29%)

Yellow (73%)

Black (2%)



Cyan (2%)

















Magenta (30%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16364100 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 16364100 by changing the saturation by 10% instead.

 16364100	 16364100
 16777215	 14325544
 16771706	 12352768
 16777109	 10380544
 16777137	 8473856
 16777166	 6567424
 16777195	 4726784
	 3017728
	 917504
	 0

16364100

16364100

16361515

16366685

16358930

16369270

16357120

16371599

16374184

16376769

16379353

16381682

16383999

Harmonies

Analogous

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



16751210



16364100



12764737

Triad

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



16364100



56799



15508223

Complementary

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



16364100



4492281

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.



9288703



16364100



56063

Square

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



16364100



56479



52991



16747999

Rectangle

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



16364100



9883735



52991



13806335

Sweetspot

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



16364100



16771527



16336012



8417886



0



8421504

Same Dimension

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



16364100



16754721



15202628



8222832



12415744



4007168

Inverse Universe

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



4492281



2193663



5653753



7370109



19133



6205

Previews

White Background



This preview shows how the Decimal color 16364100 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 16364100 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 16364100 Background



This preview shows how black text looks on a background with the Decimal color 16364100.



This preview shows how white text looks on a background with the Decimal color 16364100.

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
16364100

Protanopia
14073928

Deuteranopia
15775299



Tritanopia
16754612

Trichromacy



Original Color
16364100

Protanomaly
14924615

Deuteranomaly
15971651

Tritanomaly
16624523

Monochromacy



Original Color
16364100

Achromatopsia
12303291

Achromatomaly
13809808

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16364100 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 #F9B244 looks like.

```
.text, #text, p{  
  color:#F9B244  
}
```

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 #F9B244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9B244
}
```

Border

The CSS property to change the border of an element to Decimal 16364100 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
#F9B244 }
```

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

```
.border{ border-color:#F9B244 }
```

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

Here you see how a box with a 4 pixel #F9B244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9B244; -webkit-box-shadow:4px 4px  
4px 4px #F9B244; box-shadow:4px 4px 4px  
4px #F9B244 }
```

Background

The CSS property to change the background color of an element to Decimal 16364100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9B244 }
```

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

```
.background{ background-color:#F9B244 }
```

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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