

Converting Colors

Decimal(3631664)

Have a look what the booklet for
Decimal(3631664) contains.

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Color

Decimal(3631664)

Conversions

Conversions Part 1

Format	Color
Hex	376A30
RGB	55, 106, 48
RGB Percent	22%, 42%, 19%
CMY	0.7843, 0.5843, 0.8118
CMYK	0.48, 0.00, 0.55, 0.58
HSL	113°, 38%, 30%
HSV	113°, 55%, 42%
XYZ	7.2631, 11.3337, 4.6011
YIQ	84.1390, -11.7780, -28.8500

Conversions

Conversions Part 2

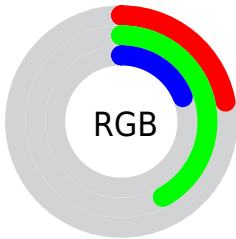
Format	Color
RYB	48, 106, 99
Decimal	3631664
CIELab	40.14, -29.79, 27.13
CIELCh	40, 40.291, 137.683
Yxy	11.3337, 0.3131, 0.4886
Android (android.graphics.Color)	4281821744 (0xFF376A30)
YUV	84.1390, -17.8165, -25.5549
Hunter-Lab	33.6656, -20.4047, 15.4626

Details

The Decimal color **3631664** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6500458**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **6987360**, and **14849** is the 20% darker color. If you saturate the color by 10%, you get **3041829**, and if you desaturate by 10%, it is **4221499**.

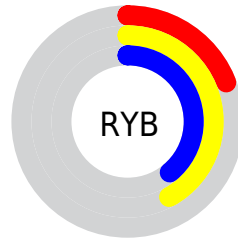
Distribution



Red (22%)

Green (42%)

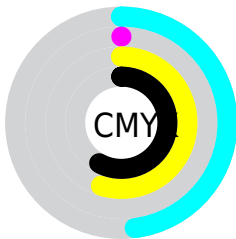
Blue (19%)



Red (19%)

Yellow (42%)

Blue (39%)

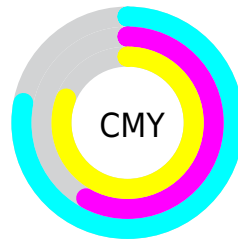


Cyan (48%)

Magenta (0%)

Yellow (55%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3631664 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 3631664 by changing the saturation by 10% instead.

■ 3631664

■ 3631664

16777215

■ 1921305

■ 6987360

■ 14849

■ 8698233

■ 9472

■ 10474899

■ 256

■ 12251566

■ 0

■ 14155721

■ 15990758

■ 3631664

■ 3631664

■ 3041829

■ 4221499

■ 2386459

■ 4876869

■ 1796624

■ 5466704

■ 1206790

■ 6056538

■ 879104

■ 6711909

■ 7301744

■ 7891578

■ 8546949

■ 9136783

Harmonies

Analogous

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



6185755



3631664



28239

Triad

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



3631664



26271



10174796

Complementary

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



3631664



6500458

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.



9716334



3631664



4676509

Square

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



3631664



27791



7949963



9587503

Rectangle

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



3631664



28518



7949963



10174551

Sweetspot

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



3631664



7768692



6971952



3753272



12895428



4539717

Same Dimension

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



3631664



3836463



3172933



3225136



947456



2028800

Inverse Universe

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



6500458



8335242



6959189



3485750



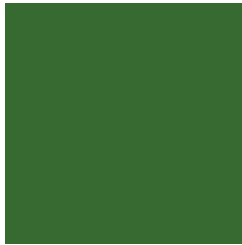
6750325



14090485

Previews

White Background



This preview shows how the Decimal color 3631664 looks on a white background.

Color Contrast Check

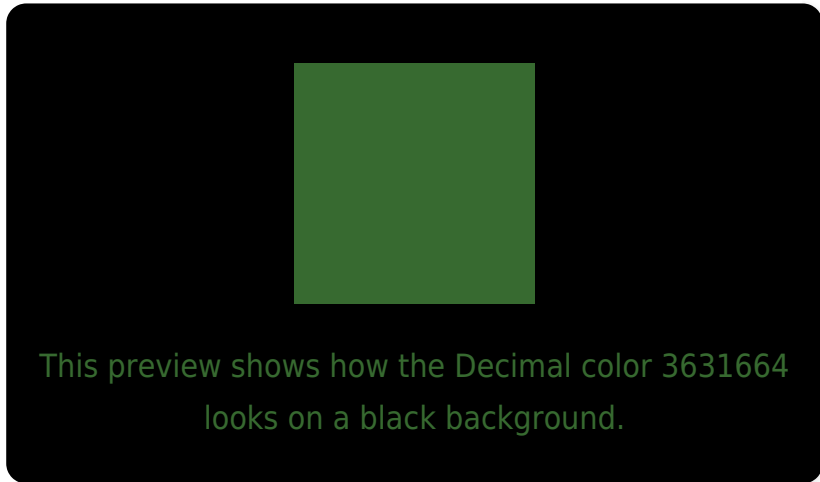
Large Text (above 18pt) WCAG AA ✓ Pass

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

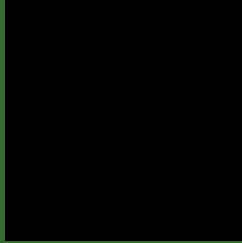
Any Text WCAG AA × Fail

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 3631664 Background



This preview shows how black text looks on a background with the Decimal color 3631664.



This preview shows how white text looks on a background with the Decimal color 3631664.

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
3631664

Protanopia
6839852

Deuteranopia
7559732



Tritanopia
4416620

Trichromacy



Original Color
3631664

Protanomaly
5661229

Deuteranomaly
6119475

Tritanomaly
4154966

Monochromacy



Original Color
3631664

Achromatopsia
5526612

Achromatomaly
4807751

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3631664 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 #376A30 looks like.

```
.text, #text, p{  
    color:#376A30  
}
```

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 #376A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376A30
}
```

Border

The CSS property to change the border of an element to Decimal 3631664 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
#376A30 }
```

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

```
.border{ border-color:#376A30 }
```

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

Here you see how a box with a 4 pixel #376A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376A30; -webkit-box-shadow:4px 4px  
4px 4px #376A30; box-shadow:4px 4px 4px  
4px #376A30 }
```

Background

The CSS property to change the background color of an element to Decimal 3631664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376A30 }
```

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

```
.background{ background-color:#376A30 }
```

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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