

Converting Colors

Decimal(3367465)

Have a look what the booklet for
Decimal(3367465) contains.

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Color

Decimal(3367465)

Conversions

Conversions Part 1

Format	Color
Hex	336229
RGB	51, 98, 41
RGB Percent	20%, 38%, 16%
CMY	0.8000, 0.6157, 0.8392
CMYK	0.48, 0.00, 0.58, 0.62
HSL	109°, 41%, 27%
HSV	109°, 58%, 38%
XYZ	6.1332, 9.5993, 3.6274
YIQ	77.4490, -9.7150, -27.6910

Conversions

Conversions Part 2

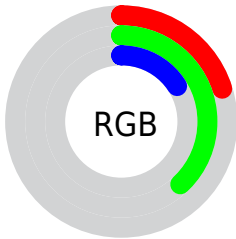
Format	Color
R_{YB}	41, 98, 88
Decimal	3367465
CIE Lab	37.11, -28.39, 27.22
CIE LCh	37, 39.331, 136.203
Yxy	9.5993, 0.3168, 0.4958
Android (android.graphics.Color)	4281557545 (0xFF336229)
YUV	77.4490, -17.9694, -23.1958
Hunter-Lab	30.9827, -18.8848, 14.7463

Details

The Decimal color **3367465** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5777762**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **6657368**, and **78592** is the 20% darker color. If you saturate the color by 10%, you get **2843167**, and if you desaturate by 10%, it is **3891763**.

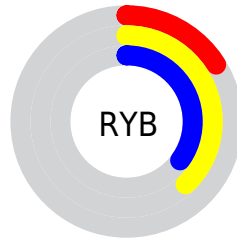
Distribution



Red (20%)

Green (38%)

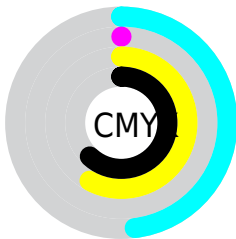
Blue (16%)



Red (16%)

Yellow (38%)

Blue (35%)

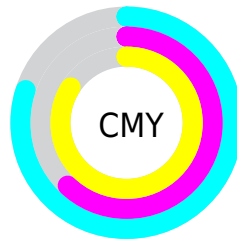


Cyan (48%)

Magenta (0%)

Yellow (58%)

Black (62%)



Cyan (80%)

Magenta (62%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3367465 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 3367465 by changing the saturation by 10% instead.

 3367465

 3367465

16777215

 1722898

 6657368

 78592

 8368241

 8192

 10144907

 0

 11921573

 13762497

 15663069

 16777209

 3367465

 3367465

■ 2843167

■ 3891763

■ 2318869

■ 4416061

■ 1794572

■ 4940358

■ 1270274

■ 5464656

■ 1139200

■ 5988954

■ 6513252

■ 7103086

■ 7627383

■ 8151681

Harmonies

Analogous

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



5790484



3367465



26183

Triad

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



3367465



24469



9517895

Complementary

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



3367465



5777762

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.



9059431



3367465



3954068

Square

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



3367465



25988



7293059



8995883

Rectangle

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



3367465



26461



7293059



9517650

Sweetspot

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



3367465



7241834



6445097



3489843



12566463



4210752

Same Dimension

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



3367465



3571750



2712123



2895916



1339392



2813952

Inverse Universe

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



5777762



7349888



6433104



3157040



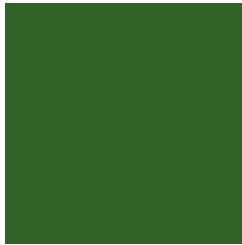
6094960



12976368

Previews

White Background



This preview shows how the Decimal color 3367465 looks on a white background.

Color Contrast Check

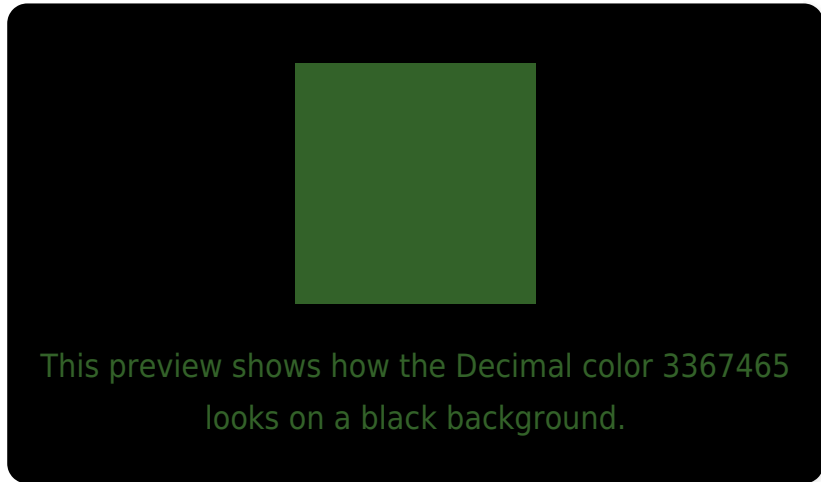
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

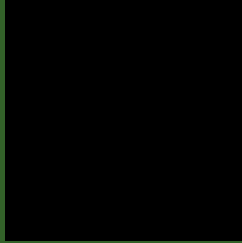
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 3367465 Background



This preview shows how black text looks on a background with the Decimal color 3367465.



This preview shows how white text looks on a background with the Decimal color 3367465.

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
3367465

Protanopia
6379302

Deuteranopia
7033645



Tritanopia
4086883

Trichromacy



Original Color
3367465

Protanomaly
5266215

Deuteranomaly
5724204

Tritanomaly
3825230

Monochromacy



Original Color
3367465

Achromatopsia
5066061

Achromatomaly
4478272

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3367465 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 #336229 looks like.

```
.text, #text, p{  
    color:#336229  
}
```

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 #336229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336229
}
```

Border

The CSS property to change the border of an element to Decimal 3367465 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".

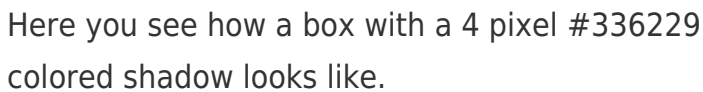
```
.border, #border, table{ border:4px solid
#336229 }
```

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

```
.border{ border-color:#336229 }
```

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

Here you see how a box with a 4 pixel #336229 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336229; -webkit-box-shadow:4px 4px  
4px 4px #336229; box-shadow:4px 4px 4px  
4px #336229 }
```

Background

The CSS property to change the background color of an element to Decimal 3367465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336229 }
```

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

```
.background{ background-color:#336229 }
```

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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