

Converting Colors

Decimal(2446080)

Have a look what the booklet for
Decimal(2446080) contains.

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Color

Decimal(2446080)

Conversions

Conversions Part 1

Format	Color
Hex	255300
RGB	37, 83, 0
RGB Percent	15%, 33%, 0%
CMY	0.8549, 0.6745, 1.0000
CMYK	0.55, 0.00, 1.00, 0.67
HSL	93°, 100%, 16%
HSV	93°, 100%, 33%
XYZ	3.8562, 6.5798, 1.0668
YIQ	59.7840, -0.7730, -35.5650

Conversions

Conversions Part 2

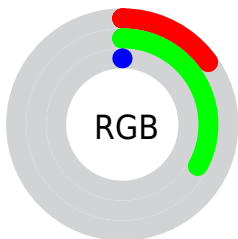
Format	Color
RYB	0, 83, 46
Decimal	2446080
CIELab	30.83, -30.05, 37.95
CIElCh	31, 48.402, 128.374
Yxy	6.5798, 0.3352, 0.5720
Android (android.graphics.Color)	4280636160 (0xFF255300)
YUV	59.7840, -29.4735, -19.9816
Hunter-Lab	25.6512, -18.0552, 15.4900

Details

The Decimal color **2446080** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3014739**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5801268**, and **9728** is the 20% darker color. If you saturate the color by 10%, you get **2446080**, and if you desaturate by 10%, it is **2773768**.

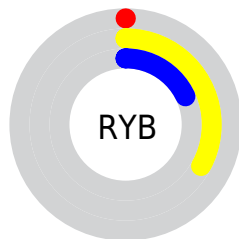
Distribution



Red (15%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (18%)

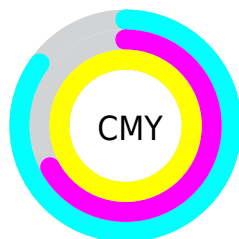


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (85%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2446080 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 2446080 by changing the saturation by 10% instead.

 2446080

 2446080

 16777198

 736000

 5801268

 9728

 7511885

 1536

 9288550

 0

 11064960

 12907418

 14811062

 16711633

 2446080

■ 2773768

■ 3035921

■ 3363609

■ 3625761

■ 3953449

■ 4281138

■ 4543290

■ 4870978

■ 5133131

Harmonies

Analogous

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



5196288



2446080



22315

Triad

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



2446080



21647



9050944

Complementary

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



2446080



3014739

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.



8201317



2446080



19092

Square

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



2446080



22647



5650820



8661275

Rectangle

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



2446080



22853



5650820



8919884

Sweetspot

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



2446080



5860171



5451264



2831906



11908533



3552822

Same Dimension

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



2446080



3173120



21252



2566437



3107072



6809600

Inverse Universe

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



3014739



3866731



5439567



2565417



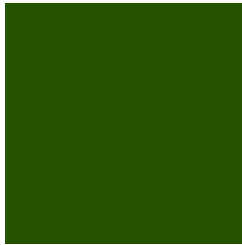
3801193



8454376

Previews

White Background



This preview shows how the Decimal color 2446080 looks on a white background.

Color Contrast Check

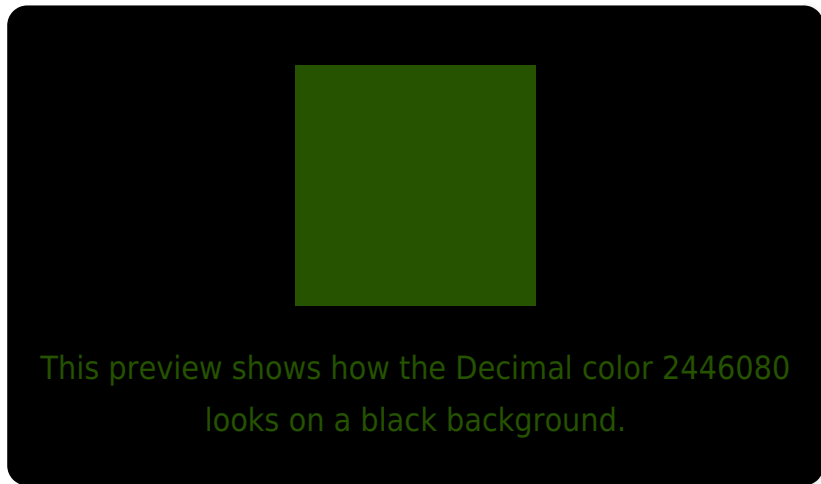
Large Text (above 18pt) WCAG AA ✓ Pass

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

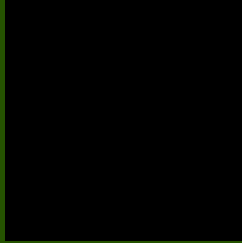
Any Text WCAG AA × Fail

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 2446080 Background



This preview shows how black text looks on a background with the Decimal color 2446080.



This preview shows how white text looks on a background with the Decimal color 2446080.

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
2446080

Protanopia
5392640

Deuteranopia
5981457

Trichromacy



Original Color
2446080

Protanomaly
4345088

Deuteranomaly
4672011

Tritanomaly
2969397

Monochromacy



Original Color
2446080

Achromatopsia
3947580

Achromatomaly
3425318

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2446080 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 #255300 looks like.

```
.text, #text, p{  
    color:#255300  
}
```

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 #255300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255300
}
```

Border

The CSS property to change the border of an element to Decimal 2446080 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
#255300 }
```

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

```
.border{ border-color:#255300 }
```

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

Here you see how a box with a 4 pixel #255300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255300; -webkit-box-shadow:4px 4px  
4px 4px #255300; box-shadow:4px 4px 4px  
4px #255300 }
```

Background

The CSS property to change the background color of an element to Decimal 2446080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255300 }
```

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

```
.background{ background-color:#255300 }
```

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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