

Converting Colors

Decimal(2516480)

Have a look what the booklet for
Decimal(2516480) contains.

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Color

Decimal(2516480)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 266600 |
| RGB | 38, 102, 0 |
| RGB Percent | 15%, 40%, 0% |
| CMY | 0.8510, 0.6000, 1.0000 |
| CMYK | 0.63, 0.00, 1.00, 0.60 |
| HSL | 98°, 100%, 20% |
| HSV | 98°, 100%, 40% |
| XYZ | 5.5507, 9.9148, 1.6212 |
| YIQ | 71.2360, -5.4020, -45.2900 |

Conversions

Conversions Part 2

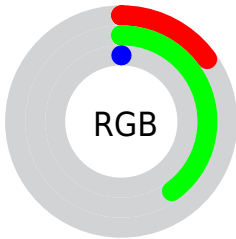
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 102, 64 |
| Decimal | 2516480 |
| CIELab | 37.69, -37.43, 43.36 |
| CIELCh | 38, 57.285, 130.800 |
| Yxy | 9.9148, 0.3249, 0.5803 |
| Android (android.graphics.Color) | 4280706560 (0xFF266600) |
| YUV | 71.2360, -35.1193, -29.1480 |
| Hunter-Lab | 31.4878, -23.6375, 18.9888 |

Details

The Decimal color **2516480** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4194406**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **6068793**, and **13824** is the 20% darker color. If you saturate the color by 10%, you get **2516480**, and if you desaturate by 10%, it is **2909706**.

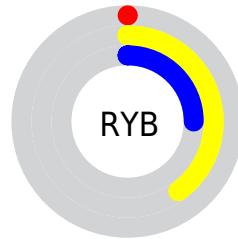
Distribution



Red (15%)

Green (40%)

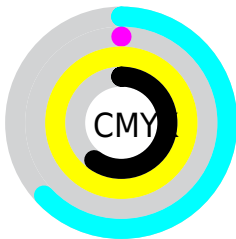
Blue (0%)



Red (0%)

Yellow (40%)

Blue (25%)

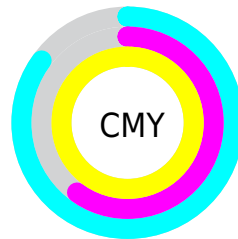


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2516480 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 2516480 by changing the saturation by 10% instead.

 2516480

 2516480

 16777206

 216320

 6068793

 13824

 7845203

 8704

 9687404

 0

 11464071

 13369250

 15269821

 16777177

 2516480

 2909706

 3368468

 3761695

 4220457

 4613683

 5006909

 5465671

 5858898

 6317660

Harmonies

Analogous

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



6118400



2516480



27448

Triad

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



2516480



26289



11083594

Complementary

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



2516480



4194406

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.



10168696



2516480



22965

Square

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



2516480



27797



7226528



10433566

Rectangle

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



2516480



27993



7226528



10952282

Sweetspot

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



2516480



7112029



6700800



3359274



12763842



4342338

Same Dimension

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



2516480



3245312



26124



3158830



2847488



5960192

Inverse Universe

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



4194406



5439621



6684762



3223091



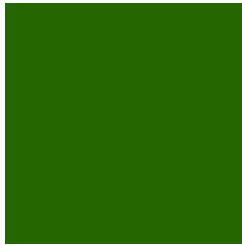
4718707



9961714

Previews

White Background



This preview shows how the Decimal color 2516480 looks on a white background.

Color Contrast Check

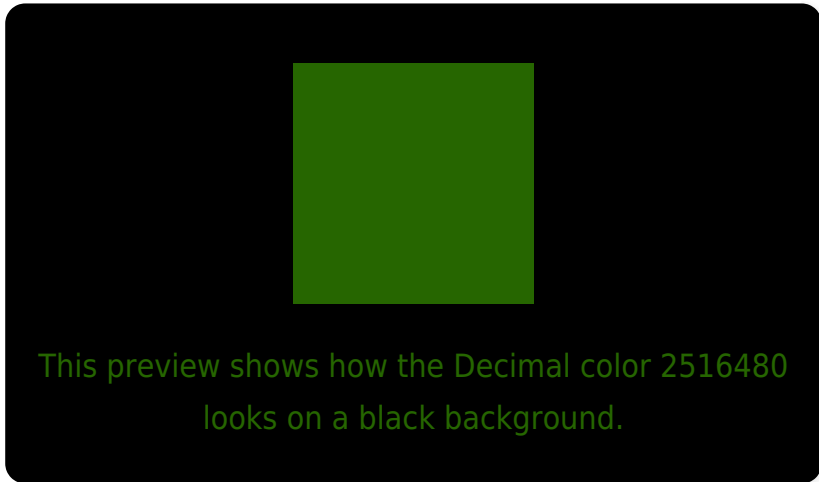
Large Text (above 18pt) WCAG AA ✓ Pass

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

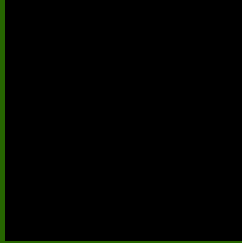
Any Text WCAG AA × Fail

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 2516480 Background



This preview shows how black text looks on a background with the Decimal color 2516480.



This preview shows how white text looks on a background with the Decimal color 2516480.

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
2516480

Protanopia
6576384

Deuteranopia
7296021

Trichromacy



Original Color
2516480

Protanomaly
5070336

Deuteranomaly
5528333

Tritanomaly
3236417

Monochromacy



Original Color
2516480

Achromatopsia
4671303

Achromatomaly
3887661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2516480 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 #266600 looks like.

```
.text, #text, p{  
  color:#266600  
}
```

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 #266600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266600
}
```

Border

The CSS property to change the border of an element to Decimal 2516480 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
#266600 }
```

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

```
.border{ border-color:#266600 }
```

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

Here you see how a box with a 4 pixel #266600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266600; -webkit-box-shadow:4px 4px  
4px 4px #266600; box-shadow:4px 4px 4px  
4px #266600 }
```

Background

The CSS property to change the background color of an element to Decimal 2516480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266600 }
```

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

```
.background{ background-color:#266600 }
```

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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