

Converting Colors

Decimal(2520616)

Have a look what the booklet for
Decimal(2520616) contains.

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Color

Decimal(2520616)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 267628 |
| RGB | 38, 118, 40 |
| RGB Percent | 15%, 46%, 16% |
| CMY | 0.8510, 0.5373, 0.8431 |
| CMYK | 0.68, 0.00, 0.66, 0.54 |
| HSL | 122°, 51%, 31% |
| HSV | 122°, 68%, 46% |
| XYZ | 7.6608, 13.5221, 4.2138 |
| YIQ | 85.1880, -22.6420, -41.2180 |

Conversions

Conversions Part 2

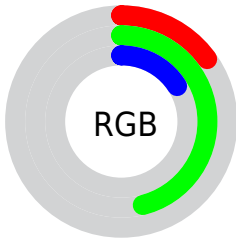
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 38, 116, 118 |
| Decimal | 2520616 |
| CIE Lab | 43.54, -40.66, 35.00 |
| CIE LCh | 44, 53.649, 139.272 |
| Yxy | 13.5221, 0.3016, 0.5324 |
| Android (android.graphics.Color) | 4280710696 (0xFF267628) |
| YUV | 85.1880, -22.2777, -41.3839 |
| Hunter-Lab | 36.7725, -27.1651, 18.9467 |

Details

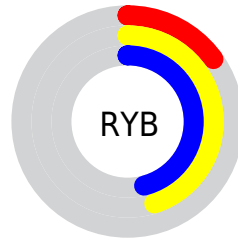
The Decimal color **2520616** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7743092**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6204249**, and **17408** is the 20% darker color. If you saturate the color by 10%, you get **1734172**, and if you desaturate by 10%, it is **3307060**.

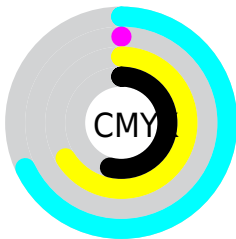
Distribution



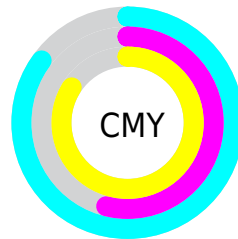
- Red (15%)
- Green (46%)
- Blue (16%)



- Red (15%)
- Yellow (45%)
- Blue (46%)



- Cyan (68%)
- Magenta (0%)
- Yellow (66%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2520616 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 2520616 by changing the saturation by 10% instead.

■ 2520616

■ 2520616

16777215

■ 23823

■ 6204249

■ 17408

■ 7980914

■ 11776

■ 9823116

■ 5376

■ 11665319

■ 0

■ 13500355

■ 15400927

■ 16777212

■ 2520616

■ 2520616

■ 1734172

■ 3307060

■ 947729

■ 4093503

■ 226821

■ 4814411

■ 30211

■ 5600854

■ 6387298

■ 7173741

■ 7960185

■ 8681092

■ 9467536

Harmonies

Analogous

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



6384896



2520616



31317

Triad

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



2520616



29119



11942732

Complementary

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



2520616



7743092

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.



11418489



2520616



4416187

Square

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



2520616



31146



9194913



10964003

Rectangle

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



2520616



31604



9194913



11941979

Sweetspot

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



2520616



8034683



7697958



3820859



13421772



5066061

Same Dimension

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



2520616



1939744



2520655



3488565



31235



64006

Inverse Universe

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



7743092



10034582



7743053



3880251



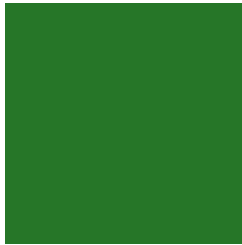
7995511



16384244

Previews

White Background



This preview shows how the Decimal color 2520616 looks on a white background.

Color Contrast Check

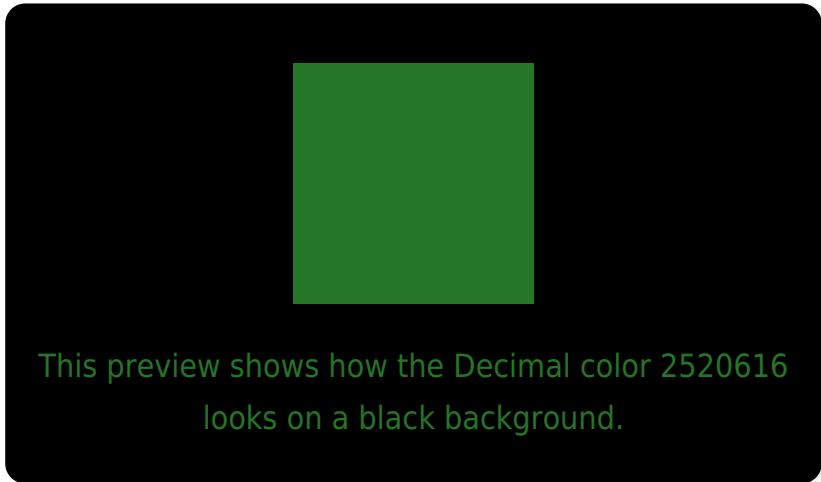
Large Text (above 18pt) WCAG AA ✓ Pass

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

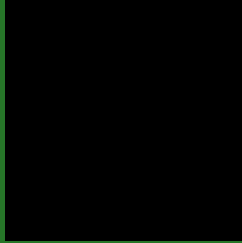
Any Text WCAG AA × Fail

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 2520616 Background



This preview shows how black text looks on a background with the Decimal color 2520616.



This preview shows how white text looks on a background with the Decimal color 2520616.

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
2520616

Protanopia
7497508

Deuteranopia
8347951



Tritanopia
3894903

Trichromacy



Original Color
2520616

Protanomaly
5663781

Deuteranomaly
6252844

Tritanomaly
3371354

Monochromacy



Original Color
2520616

Achromatopsia
5592405

Achromatomaly
4481349

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2520616 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 #267628 looks like.

```
.text, #text, p{  
  color:#267628  
}
```

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 #267628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267628
}
```

Border

The CSS property to change the border of an element to Decimal 2520616 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
#267628 }
```

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

```
.border{ border-color:#267628 }
```

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

Here you see how a box with a 4 pixel #267628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267628; -webkit-box-shadow:4px 4px  
4px 4px #267628; box-shadow:4px 4px 4px  
4px #267628 }
```

Background

The CSS property to change the background color of an element to Decimal 2520616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267628 }
```

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

```
.background{ background-color:#267628 }
```

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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