

Converting Colors

Decimal(6836315)

Have a look what the booklet for
Decimal(6836315) contains.

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Color

Decimal(6836315)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 68505B |
| RGB | 104, 80, 91 |
| RGB Percent | 41%, 31%, 36% |
| CMY | 0.5922, 0.6863, 0.6431 |
| CMYK | 0.00, 0.23, 0.12, 0.59 |
| HSL | 332°, 13%, 36% |
| HSV | 332°, 23%, 41% |
| XYZ | 10.4659, 9.4357, 11.1672 |
| YIQ | 88.4300, 10.7730, 8.5090 |

Conversions

Conversions Part 2

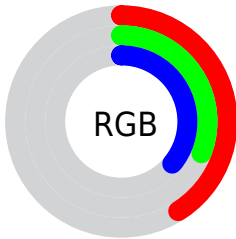
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 104, 80, 91 |
| Decimal | 6836315 |
| CIE _{Lab} | 36.81, 12.02, -2.57 |
| CIE _{LCh} | 37, 12.294, 347.953 |
| Yxy | 9.4357, 0.3369, 0.3037 |
| Android (android.graphics.Color) | 4285026395 (0xFF68505B) |
| YUV | 88.4300, 1.2670, 13.6549 |
| Hunter-Lab | 30.7176, 7.0616, -0.0522 |

Details

The Decimal color **6836315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5269597**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10191245**, and **3679021** is the 20% darker color. If you saturate the color by 10%, you get **6833749**, and if you desaturate by 10%, it is **6838881**.

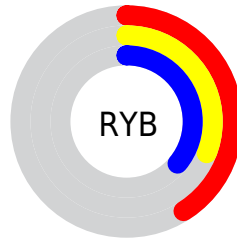
Distribution



Red (41%)

Green (31%)

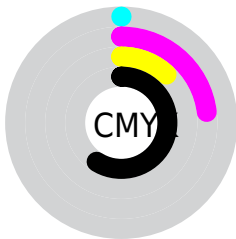
Blue (36%)



Red (41%)

Yellow (31%)

Blue (36%)

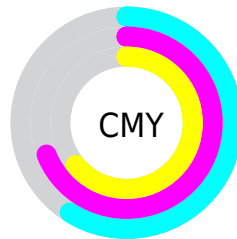


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (59%)



Cyan (59%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6836315 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 6836315 by changing the saturation by 10% instead.



6836315



6836315

16777215



5257540



10191245



3679021



11967399



2297625



13809347



0



15651551



16772859



6836315



6836315



6833749



6838881



6830928



6841702

6828362

6844268

6825540

6847090

6822975

6849655

6820409

6852221

6817588

6855042

6815792

6857608

6860430

Harmonies

Analogous

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



6247012



6836315



7032913

Triad

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



6836315



5789764



4021093

Complementary

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



6836315



5269597

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.



3955804



6836315



5069385

Square

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



6836315



6444355



4349010



4610410

Rectangle

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



6836315



6967627



4349010



3955810

Sweetspot

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



6836315



8879746



6115432



4538178



12895428



4539717

Same Dimension

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



6836315



8872307



6836560



3354160



7536693



15859823

Inverse Universe

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



6836315



8872307



5269352



3354160



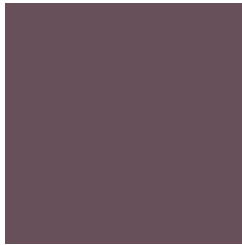
7536693



15859823

Previews

White Background



This preview shows how the Decimal color 6836315 looks on a white background.

Color Contrast Check

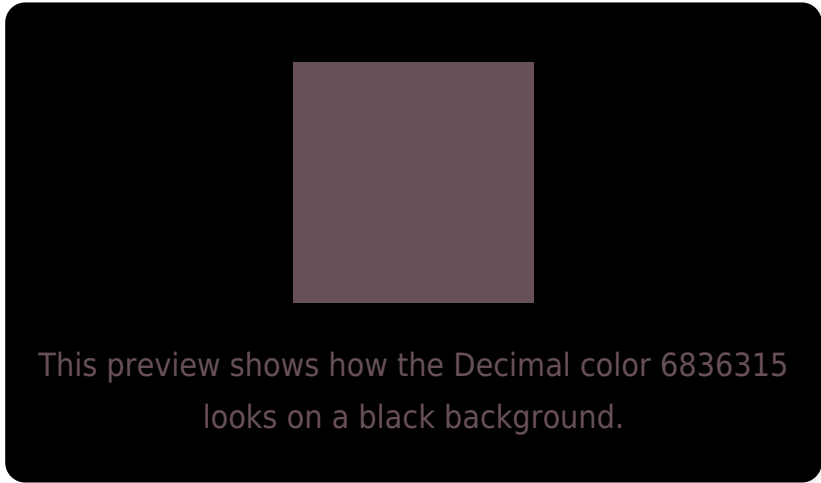
Large Text (above 18pt) WCAG AA ✓ Pass

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

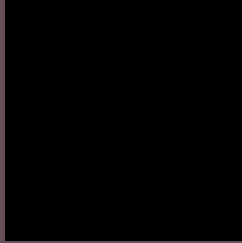
Any Text WCAG AA × Fail

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 6836315 Background



This preview shows how black text looks on a background with the Decimal color 6836315.



This preview shows how white text looks on a background with the Decimal color 6836315.

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
6836315

Protanopia
5658207

Deuteranopia
6181978



Tritanopia
6771031

Trichromacy



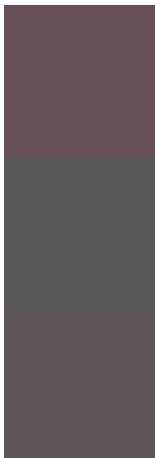
Original Color
6836315

Protanomaly
6116446

Deuteranomaly
6443866

Tritanomaly
6771032

Monochromacy



Original Color
6836315

Achromatopsia
5789784

Achromatomaly
6182233

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6836315 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 #68505B looks like.

```
.text, #text, p{  
    color:#68505B  
}
```

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 #68505B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68505B
}
```

Border

The CSS property to change the border of an element to Decimal 6836315 is called "border". The border property can be set on classes, ids or directly on the HTML element.

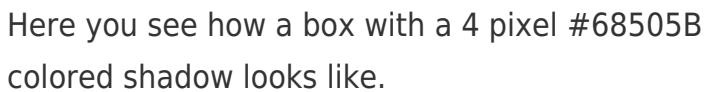
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68505B }
```

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

```
.border{ border-color:#68505B }
```

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



Here you see how a box with a 4 pixel #68505B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68505B; -webkit-box-shadow:4px 4px  
4px 4px #68505B; box-shadow:4px 4px 4px  
4px #68505B }
```

Background

The CSS property to change the background color of an element to Decimal 6836315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68505B }
```

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

```
.background{ background-color:#68505B }
```

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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