

Converting Colors

Decimal(2833250)

Have a look what the booklet for
Decimal(2833250) contains.

Decimal(2833250) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(2833250)

Conversions

Conversions Part 1	
Format	Color
Hex	2B3B62
RGB	43, 59, 98
RGB Percent	17%, 23%, 38%
CMY	0.8314, 0.7686, 0.6157
CMYK	0.56, 0.40, 0.00, 0.62
HSL	223°, 39%, 28%
HSV	223°, 56%, 38%
XYZ	4.7648, 4.5234, 12.1772
YIQ	58.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

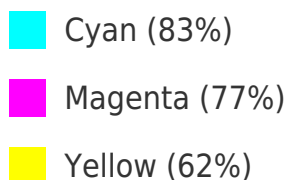
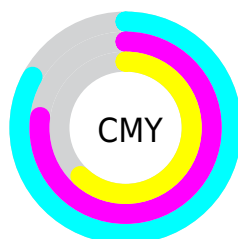
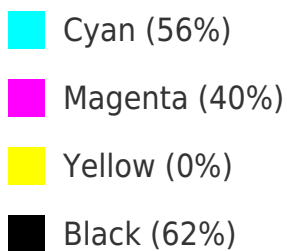
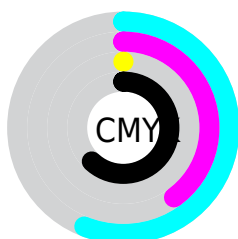
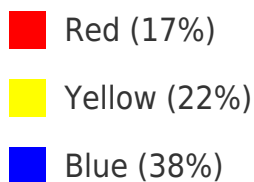
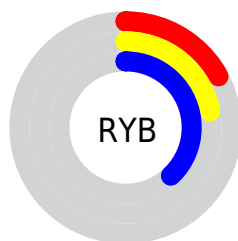
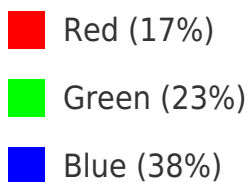
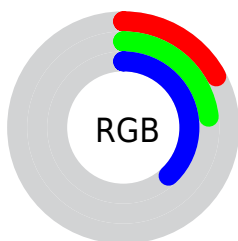
Format	Color
RYB	43, 55, 98
Decimal	2833250
CIELab	25.33, 6.21, -25.10
CIELCh	25, 25.855, 283.899
Yxy	4.5234, 0.2220, 0.2107
Android (android.graphics.Color)	4281023330 (0xFF2B3B62)
YUV	58.6620, 19.3936, -13.7356
Hunter-Lab	21.2682, 2.7710, -19.0591

Details

The Decimal color **2833250** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6443563**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **6122133**, and **4403** is the 20% darker color. If you saturate the color by 10%, you get **2176098**, and if you desaturate by 10%, it is **3490402**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 2833250 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 2833250 by changing the saturation by 10% instead.

 2833250

 2833250

16777215

 1123914

 6122133

 4403


 7766960

 542

 9543115

 0

 11319527

 13161727

 15003903

 2833250

 2833250

 2176098

 3490402

 1518946

 4147554

 927330

 4739170

 270178

 5396322

 7522

 6053474

 6710626

 7367778

 7959394

 8616546

Harmonies

Analogous

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



16737



2833250



4797272

Triad

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



2833250



6041634



345393

Complementary

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



2833250



6443563

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.



2704159



2833250



5256982

Square

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



2833250



6368052



4144660



17989

Rectangle

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



2833250



5648206



4144660



1393962

Sweetspot

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



2833250



6975616



2843218



3356480



12566463



4210752

Same Dimension

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



2833250



2769792



3550050



2895152



8560



18160

Inverse Universe

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



6433595



8399427



5726763



3157037



7340065



15728710

Previews

White Background



This preview shows how the Decimal color 2833250 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



This preview shows how the Decimal color 2833250 looks on a 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 2833250 Background



This preview shows how black text looks on a background with the Decimal color 2833250.



This preview shows how white text looks on a background with the Decimal color 2833250.

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

2833250

Protanopia

2964322

Deuteranopia

2440290



Tritanopia
2113862

Trichromacy



Original Color

2833250

Protanomaly

2898786

Deuteranomaly

2571362

Tritanomaly

2375504

Monochromacy



Original Color

2833250

Achromatopsia

3881787

Achromatomaly

3488585

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2833250 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 #2B3B62 looks like.

```
.text, #text, p{  
    color:#2B3B62  
}
```

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 #2B3B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3B62
}
```

Border

The CSS property to change the border of an element to Decimal 2833250 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
#2B3B62 }
```

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

```
.border{ border-color:#2B3B62 }
```

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

Here you see how a box with a 4 pixel #2B3B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3B62; -webkit-box-shadow:4px 4px  
4px 4px #2B3B62; box-shadow:4px 4px 4px  
4px #2B3B62 }
```

Background

The CSS property to change the background color of an element to Decimal 2833250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3B62 }
```

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

```
.background{ background-color:#2B3B62 }
```

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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