

Converting Colors

Decimal(2236002)

Have a look what the booklet for
Decimal(2236002) contains.

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Color

Decimal(2236002)

Conversions

Conversions Part 1

Format	Color
Hex	221E62
RGB	34, 30, 98
RGB Percent	13%, 12%, 38%
CMY	0.8667, 0.8824, 0.6157
CMYK	0.65, 0.69, 0.00, 0.62
HSL	244°, 53%, 25%
HSV	244°, 69%, 38%
XYZ	3.3286, 2.1505, 11.7949
YIQ	38.9480, -19.4440, 21.9960

Conversions

Conversions Part 2

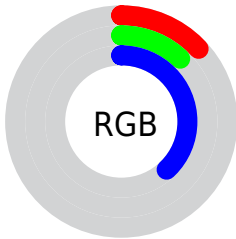
Format	Color
R_{YB}	34, 30, 98
Decimal	2236002
CIE _{Lab}	16.26, 24.54, -39.72
CIE _{LCh}	16, 46.693, 301.709
Yxy	2.1505, 0.1927, 0.1245
Android (android.graphics.Color)	4280426082 (0xFF221E62)
YUV	38.9480, 29.1126, -4.3394
Hunter-Lab	14.6645, 14.8534, -37.4229

Details

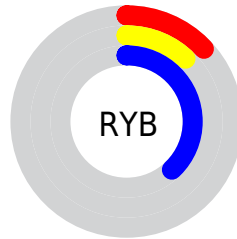
The Decimal color **2236002** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6185502**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **5720725**, and **51** is the 20% darker color. If you saturate the color by 10%, you get **1643618**, and if you desaturate by 10%, it is **2828386**.

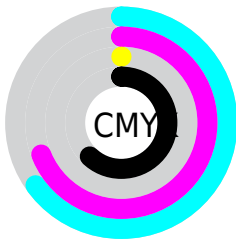
Distribution



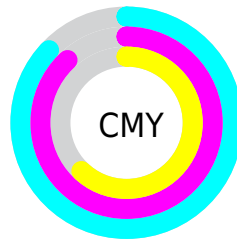
- Red (13%)
- Green (12%)
- Blue (38%)



- Red (13%)
- Yellow (12%)
- Blue (38%)



- Cyan (65%)
- Magenta (69%)
- Yellow (0%)
- Black (62%)



- Cyan (87%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2236002 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 2236002 by changing the saturation by 10% instead.

■ 2236002

■ 2236002

16777215

■ 2378

■ 5720725

■ 51

■ 7430832

■ 540

■ 9206732

■ 0

■ 10982889

■ 12824831

■ 14732287

■ 16640255

■ 2236002

■ 2236002

■ 1643618

■ 2828386

■ 1051234

■ 3420770

■ 393570

■ 4078434

■ 393314

■ 4670818

■ 5263202

■ 5855586

■ 6513506

■ 7105634

■ 7698018

Harmonies

Analogous

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



11628



2236002



5177416

Triad

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



2236002



4921600



13609

Complementary

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



2236002



6185502

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.



13057



2236002



3221504

Square

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



2236002



6029314



864256



13643

Rectangle

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



2236002



6029363



864256



13598

Sweetspot

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



2236002



6710656



1990498



3223616



12566463



4210752

Same Dimension

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



2236002



1840768



4398690



2894896



458864



917744

Inverse Universe

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



6430302



8394361



4022814



3157040



7340138



15728866

Previews

White Background



This preview shows how the Decimal color 2236002 looks on a white background.

Color Contrast Check

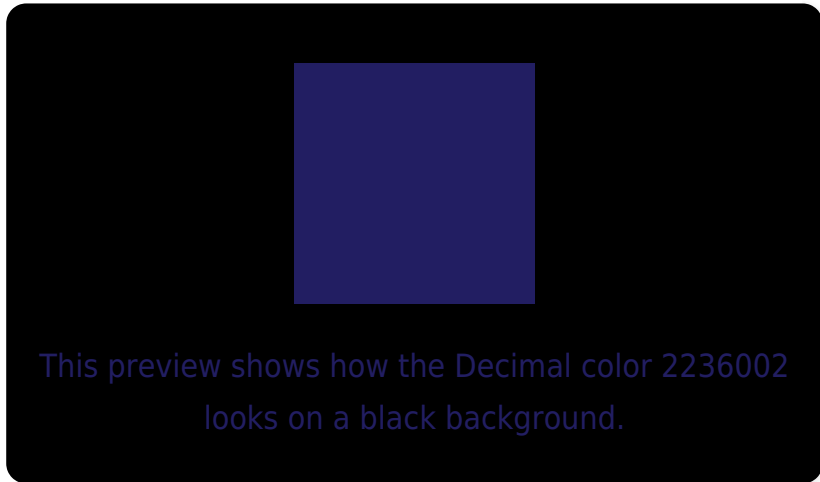
Large Text (above 18pt) WCAG AA ✓ Pass

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

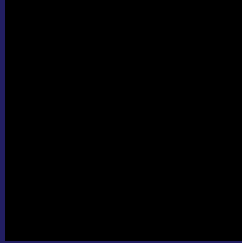
Any Text WCAG AA × Fail

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 2236002 Background



This preview shows how black text looks on a background with the Decimal color 2236002.



This preview shows how white text looks on a background with the Decimal color 2236002.

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
2236002

Protanopia
10067

Deuteranopia
10823

Trichromacy



Original Color
2236002

Protanomaly
795736

Deuteranomaly
796241

Tritanomaly
796739

Monochromacy



Original Color
2236002

Achromatopsia
2565927

Achromatomaly
2434108

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2236002 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 #221E62 looks like.

```
.text, #text, p{  
    color:#221E62  
}
```

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 #221E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E62
}
```

Border

The CSS property to change the border of an element to Decimal 2236002 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
#221E62 }
```

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

```
.border{ border-color:#221E62 }
```

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

Here you see how a box with a 4 pixel #221E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E62; -webkit-box-shadow:4px 4px  
4px 4px #221E62; box-shadow:4px 4px 4px  
4px #221E62 }
```

Background

The CSS property to change the background color of an element to Decimal 2236002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E62 }
```

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

```
.background{ background-color:#221E62 }
```

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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