

Converting Colors

Decimal(2252456)

Have a look what the booklet for
Decimal(2252456) contains.

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Color

Decimal(2252456)

Conversions

Conversions Part 1

Format	Color
Hex	225EA8
RGB	34, 94, 168
RGB Percent	13%, 37%, 66%
CMY	0.8667, 0.6314, 0.3412
CMYK	0.80, 0.44, 0.00, 0.34
HSL	213°, 66%, 40%
HSV	213°, 80%, 66%
XYZ	11.7303, 11.1726, 38.5841
YIQ	84.4960, -59.5140, 10.2940

Conversions

Conversions Part 2

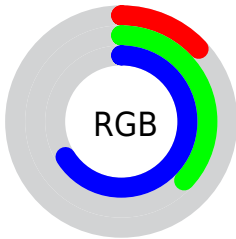
Format	Color
R_{YB}	34, 75, 168
Decimal	2252456
CIE _{Lab}	39.87, 8.12, -45.20
CIE _{LCh}	40, 45.926, 280.186
Y _{xy}	11.1726, 0.1908, 0.1817
Android (android.graphics.Color)	4280442536 (0xFF225EA8)
YUV	84.4960, 41.1675, -44.2850
Hunter-Lab	33.4255, 4.1478, -45.0424

Details

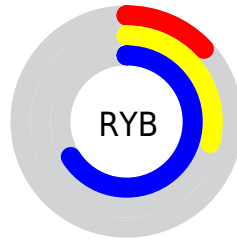
The Decimal color **2252456** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11037730**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **6590688**, and **12659** is the 20% darker color. If you saturate the color by 10%, you get **1136040**, and if you desaturate by 10%, it is **3368872**.

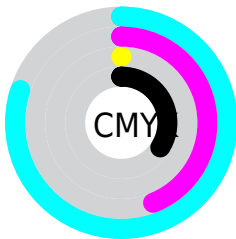
Distribution



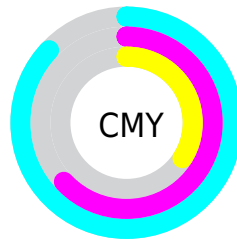
- Red (13%)
- Green (37%)
- Blue (66%)



- Red (13%)
- Yellow (29%)
- Blue (66%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)
- Black (34%)























- Cyan (87%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2252456 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 2252456 by changing the saturation by 10% instead.

 2252456	 2252456
 16777215	 18317
 6590688	 12659
 8497917	 7514
 10405375	 322
 12313087	 811
 14286591	 277
 16252927	 0
 2252456	 2252456
 1136040	 3368872

■ 19368

■ 4485544

■ 5536424

■ 6652840

■ 7769256

■ 8885928

■ 10002344

■ 11053224

■ 12169640

Harmonies

Analogous

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



27044



2252456



7360152

Triad

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



2252456



10175279



28227

Complementary

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



2252456



11037730

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.



3959072



2252456



8737554

Square

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



2252456



10565971



6643718



28778

Rectangle

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



2252456



9126788



6643718



290103

Sweetspot

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



2252456



10993371



2271340



5135470



15592941



7237230

Same Dimension

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



2252456



616411



2695848



5001300



17044



2324

Inverse Universe

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



11018846



14354791



10594338



5524560



9699394



1310729

Previews

White Background



This preview shows how the Decimal color 2252456 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



This preview shows how the Decimal color 2252456 looks on a 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 2252456 Background



This preview shows how black text looks on a background with the Decimal color 2252456.



This preview shows how white text looks on a background with the Decimal color 2252456.

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



Trichromacy



Original Color
2252456

Protanomaly
3300518

Deuteranomaly
1597352

Tritanomaly
812164

Monochromacy



Original Color
2252456

Achromatopsia
5526612

Achromatomaly
4348019

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2252456 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 #225EA8 looks like.

```
.text, #text, p{  
    color:#225EA8  
}
```

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 #225EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225EA8
}
```

Border

The CSS property to change the border of an element to Decimal 2252456 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
#225EA8 }
```

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

```
.border{ border-color:#225EA8 }
```

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

Here you see how a box with a 4 pixel #225EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225EA8; -webkit-box-shadow:4px 4px  
4px 4px #225EA8; box-shadow:4px 4px 4px  
4px #225EA8 }
```

Background

The CSS property to change the background color of an element to Decimal 2252456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225EA8 }
```

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

```
.background{ background-color:#225EA8 }
```

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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