

Converting Colors

Decimal(6236622)

Have a look what the booklet for
Decimal(6236622) contains.

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Color

Decimal(6236622)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5F29CE |
| RGB | 95, 41, 206 |
| RGB Percent | 37%, 16%, 81% |
| CMY | 0.6275, 0.8392, 0.1922 |
| CMYK | 0.54, 0.80, 0.00, 0.19 |
| HSL | 260°, 67%, 48% |
| HSV | 260°, 80%, 81% |
| XYZ | 16.6528, 8.4750, 59.1507 |
| YIQ | 75.9560, -20.7810, 62.7630 |

Conversions

Conversions Part 2

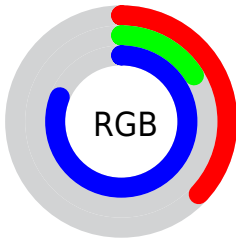
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 95, 41, 206 |
| Decimal | 6236622 |
| CIELab | 34.95, 60.16, -75.34 |
| CIELCh | 35, 96.411, 308.606 |
| Yxy | 8.4750, 0.1976, 0.1006 |
| Android (android.graphics.Color) | 4284426702 (0xFF5F29CE) |
| YUV | 75.9560, 64.1117, 16.7016 |
| Hunter-Lab | 29.1119, 51.1614, -100.0895 |

Details

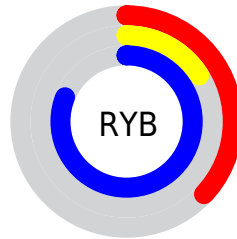
The Decimal color **6236622** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **10014249**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **10247935**, and **983190** is the 20% darker color. If you saturate the color by 10%, you get **5313742**, and if you desaturate by 10%, it is **7159502**.

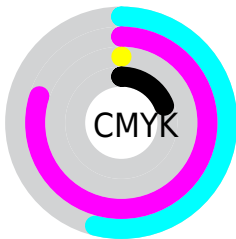
Distribution



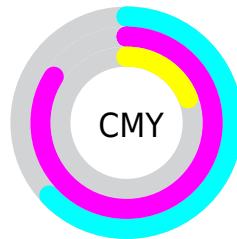
- Red (37%)
- Green (16%)
- Blue (81%)



- Red (37%)
- Yellow (16%)
- Blue (81%)



- Cyan (54%)
- Magenta (80%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (84%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6236622 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 6236622 by changing the saturation by 10% instead.



6236622



6236622

16777215



4065458



10247935



983190



12220671



123



14193663



98



16232447



2120



16763903



1073



16771327



283



0



6236622



6236622

■ 5313742

■ 7159502

■ 4391118

■ 8082126

■ 9005006

■ 9862094

■ 10784974

■ 11707854

■ 12630478

■ 13553358

■ 14475982

Harmonies

Analogous

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



23024



6236622



11993228

Triad

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



6236622



9451008



27752

Complementary

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



6236622



10014249

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.



27151



6236622



5330688

Square

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



6236622



12320768



25856



28339

Rectangle

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



6236622



13303898



25856



27725

Sweetspot

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



6236622



14074623



2726606



6773632



0



8421504

Same Dimension

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



6236622



5901055



11545038



6249574



3539110



852006

Inverse Universe

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



13511064



16714415



4705833



6708323



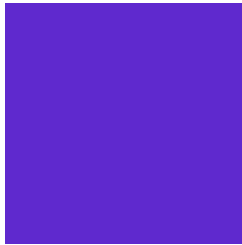
10879088



2490394

Previews

White Background



This preview shows how the Decimal color 6236622 looks on a white background.

Color Contrast Check

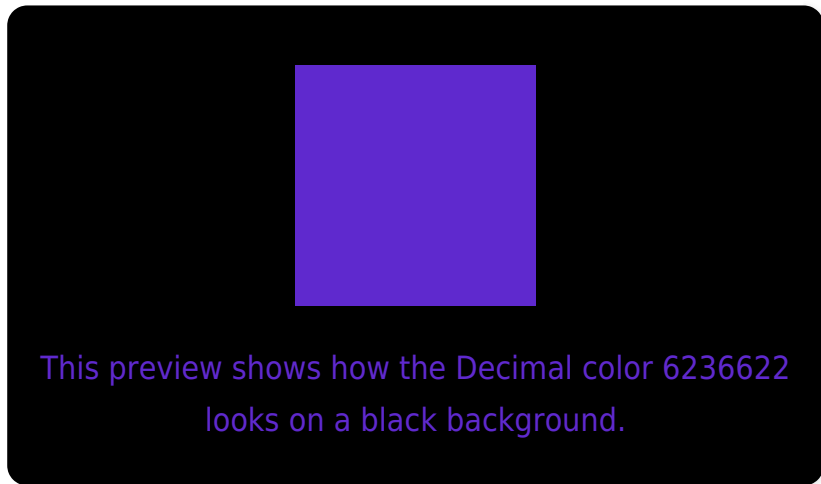
Large Text (above 18pt) WCAG AA ✓ Pass

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

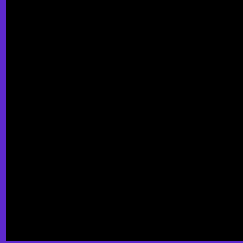
Any Text WCAG AA × Fail

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 6236622 Background



This preview shows how black text looks on a background with the Decimal color 6236622.

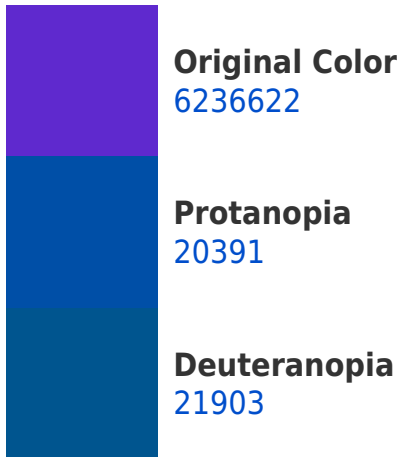


This preview shows how white text looks on a background with the Decimal color 6236622.

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

6236622



Protanomaly

2310581



Deuteranomaly

2311590



Tritanomaly

4671111

Monochromacy



Original Color

6236622



Achromatopsia

5000268



Achromatomaly

5455739

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6236622 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 #5F29CE looks like.

```
.text, #text, p{  
    color:#5F29CE  
}
```

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 #5F29CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F29CE
}
```

Border

The CSS property to change the border of an element to Decimal 6236622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

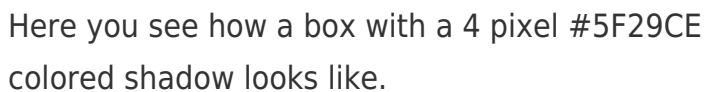
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F29CE }
```

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

```
.border{ border-color:#5F29CE }
```

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



Here you see how a box with a 4 pixel #5F29CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F29CE; -webkit-box-shadow:4px 4px  
4px 4px #5F29CE; box-shadow:4px 4px 4px  
4px #5F29CE }
```

Background

The CSS property to change the background color of an element to Decimal 6236622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F29CE }
```

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

```
.background{ background-color:#5F29CE }
```

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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