

Converting Colors

Decimal(5251212)

Have a look what the booklet for
Decimal(5251212) contains.

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Color

Decimal(5251212)

Conversions

Conversions Part 1

Format	Color
Hex	50208C
RGB	80, 32, 140
RGB Percent	31%, 13%, 55%
CMY	0.6863, 0.8745, 0.4510
CMYK	0.43, 0.77, 0.00, 0.45
HSL	267°, 63%, 34%
HSV	267°, 77%, 55%
XYZ	8.5584, 4.6319, 25.2539
YIQ	58.6640, -6.0600, 43.7640

Conversions

Conversions Part 2

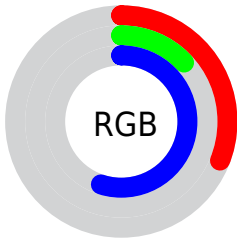
Format	Color
R _Y B	80, 32, 140
Decimal	5251212
CIE Lab	25.66, 44.54, -51.05
CIE LCh	26, 67.753, 311.102
Yxy	4.6319, 0.2226, 0.1205
Android (android.graphics.Color)	4283441292 (0xFF50208C)
YUV	58.6640, 40.0986, 18.7117
Hunter-Lab	21.5220, 33.3187, -54.5057

Details

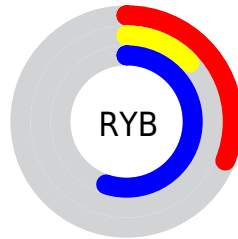
The Decimal color **5251212** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6065184**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **8868547**, and **1441881** is the 20% darker color. If you saturate the color by 10%, you get **4723340**, and if you desaturate by 10%, it is **5779084**.

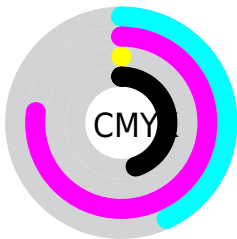
Distribution



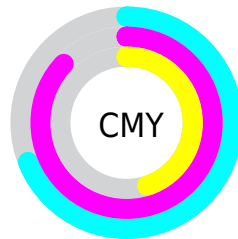
- Red (31%)
- Green (13%)
- Blue (55%)



- Red (31%)
- Yellow (13%)
- Blue (55%)



- Cyan (43%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5251212 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 5251212 by changing the saturation by 10% instead.

■ 5251212

■ 5251212

16777215

■ 3409010

■ 8868547

■ 1441881

■ 10709983

■ 65

■ 12551676

■ 809

■ 14459135

■ 275

■ 16366591

■ 0

■ 16767231

■ 16774399

■ 5251212

■ 5251212

■ 4723340

■ 5779084

■ 4195468

■ 6306956

■ 4063372

■ 6769292

■ 7297164

■ 7825036

■ 8352908

■ 8815244

■ 9343116

■ 9870988

Harmonies

Analogous

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



16293



5251212



8650847

Triad

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



5251212



6630656



20559

Complementary

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



5251212



6065184

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.



19992



5251212



3817728

Square

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



5251212



8650752



18944



20609

Rectangle

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



5251212



9437246



18944



20285

Sweetspot

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



5251212



10390453



2121100



5128796



14408667



6052956

Same Dimension

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



5251212



5770677



8724620



4275781



3866757



131077

Inverse Universe

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



9183324



11865450



2591776



4537922



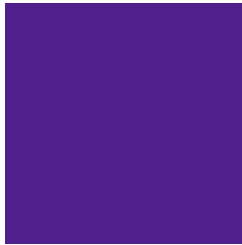
8716362



327683

Previews

White Background



This preview shows how the Decimal color 5251212 looks on a white background.

Color Contrast Check

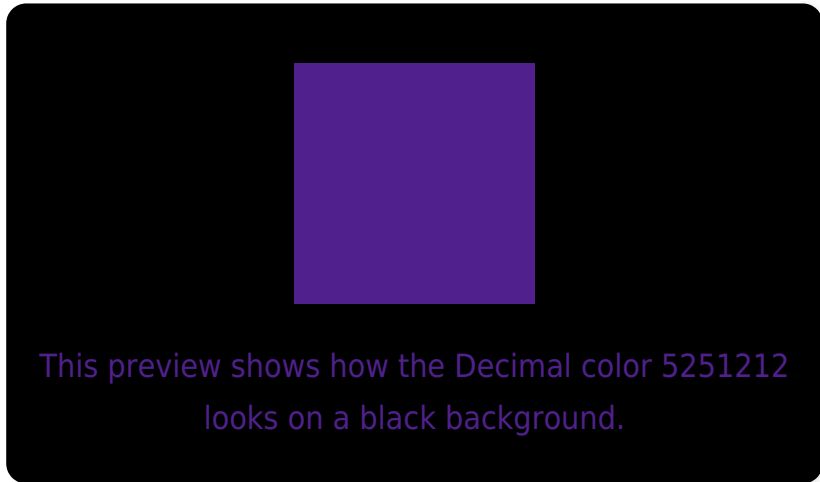
Large Text (above 18pt) WCAG AA ✓ Pass

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

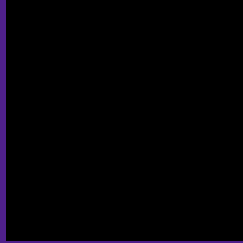
Any Text WCAG AA × Fail

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 5251212 Background



This preview shows how black text looks on a background with the Decimal color 5251212.

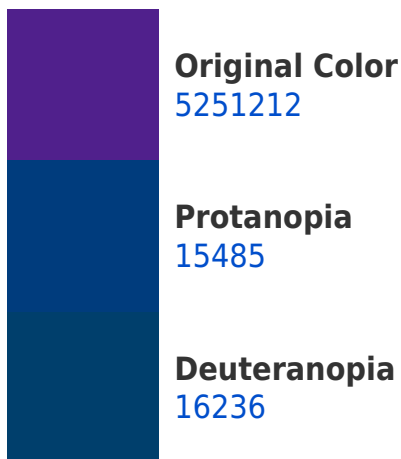


This preview shows how white text looks on a background with the Decimal color 5251212.

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





Tritanopia
4144449

Trichromacy



Original Color
5251212

Protanomaly
1913474

Deuteranomaly
1913976

Tritanomaly
4534876

Monochromacy



Original Color
5251212

Achromatopsia
3881787

Achromatomaly
4403544

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5251212 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 #50208C looks like.

```
.text, #text, p{  
    color:#50208C  
}
```

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 #50208C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50208C
}
```

Border

The CSS property to change the border of an element to Decimal 5251212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

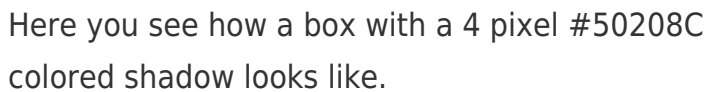
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50208C }
```

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

```
.border{ border-color:#50208C }
```

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



Here you see how a box with a 4 pixel #50208C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50208C; -webkit-box-shadow:4px 4px  
4px 4px #50208C; box-shadow:4px 4px 4px  
4px #50208C }
```

Background

The CSS property to change the background color of an element to Decimal 5251212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50208C }
```

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

```
.background{ background-color:#50208C }
```

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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