

Converting Colors

Decimal(6554216)

Have a look what the booklet for
Decimal(6554216) contains.

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Color

Decimal(6554216)

Conversions

Conversions Part 1

Format	Color
Hex	640268
RGB	100, 2, 104
RGB Percent	39%, 1%, 41%
CMY	0.6078, 0.9922, 0.5922
CMYK	0.04, 0.98, 0.00, 0.59
HSL	298°, 96%, 21%
HSV	298°, 98%, 41%
XYZ	7.7759, 3.7522, 13.4111
YIQ	42.9300, 25.6660, 52.4980

Conversions

Conversions Part 2

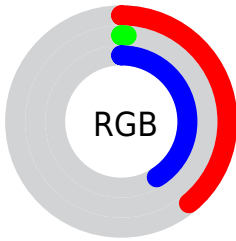
Format	Color
RYB	100, 2, 104
Decimal	6554216
CIELab	22.83, 49.67, -32.55
CIElCh	23, 59.384, 326.758
Yxy	3.7522, 0.3118, 0.1505
Android (android.graphics.Color)	4284744296 (0xFF640268)
YUV	42.9300, 30.1075, 50.0504
Hunter-Lab	19.3706, 37.7564, -27.4895

Details

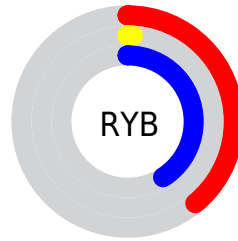
The Decimal color **6554216** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **419842**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **10109340**, and **3276856** is the 20% darker color. If you saturate the color by 10%, you get **6553704**, and if you desaturate by 10%, it is **6556776**.

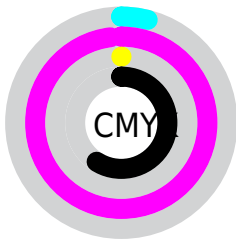
Distribution



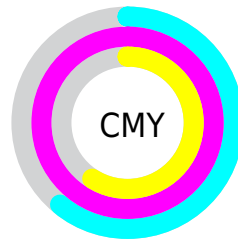
- Red (39%)
- Green (1%)
- Blue (41%)



- Red (39%)
- Yellow (1%)
- Blue (41%)



- Cyan (4%)
- Magenta (98%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6554216 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 6554216 by changing the saturation by 10% instead.

 6554216

 6554216

16777215

 4849743

 10109340

 3276856

 11951031

 1376290

 13858515

 7

 15765999

 0

 16755967

 16763391

 16770559

 6554216

 6554216

■ 6553704

■ 6556776

■ 6625128

■ 6627688

■ 6696040

■ 6698600

■ 6701160

■ 6769512

■ 6772072

■ 6840424

Harmonies

Analogous

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



1060231



6554216



8192061

Triad

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



6554216



4731648



18526

Complementary

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



6554216



419842

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.



18224



6554216



1785600

Square

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



6554216



6822912



17408



18050

Rectangle

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



6554216



8323105



17408



18255

Sweetspot

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



6554216



8806535



132968



4468037



12895428



4539717

Same Dimension

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



6554216



8519815



6816314



3354163



7209075



15270130

Inverse Universe

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



6816262



8847365



157744



3354158



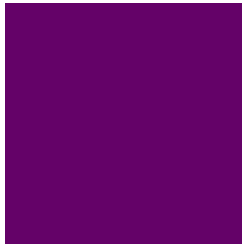
7536644



15859721

Previews

White Background



This preview shows how the Decimal color 6554216 looks on a white background.

Color Contrast Check

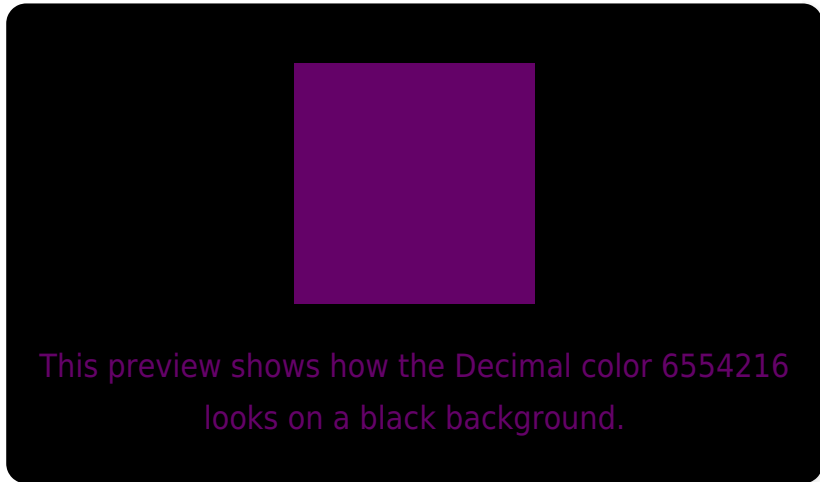
Large Text (above 18pt) WCAG AA ✓ Pass

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

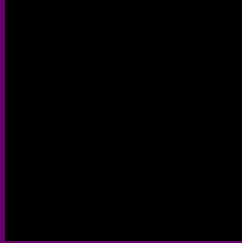
Any Text WCAG AA × Fail

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 6554216 Background



This preview shows how black text looks on a background with the Decimal color 6554216.



This preview shows how white text looks on a background with the Decimal color 6554216.

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
6105388

Trichromacy



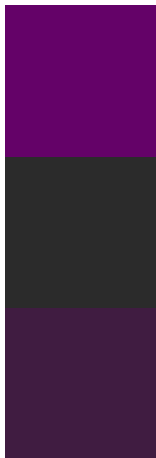
Original Color
6554216

Protanomaly
2368625

Deuteranomaly
3614308

Tritanomaly
6298434

Monochromacy



Original Color
6554216

Achromatopsia
2829099

Achromatomaly
4201537

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6554216 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 #640268 looks like.

```
.text, #text, p{  
    color:#640268  
}
```

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 #640268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640268
}
```

Border

The CSS property to change the border of an element to Decimal 6554216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

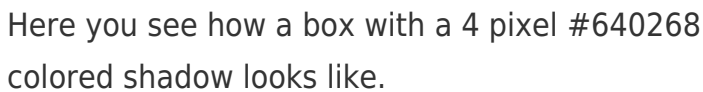
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640268 }
```

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

```
.border{ border-color:#640268 }
```

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



Here you see how a box with a 4 pixel #640268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640268; -webkit-box-shadow:4px 4px  
4px 4px #640268; box-shadow:4px 4px 4px  
4px #640268 }
```

Background

The CSS property to change the background color of an element to Decimal 6554216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640268 }
```

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

```
.background{ background-color:#640268 }
```

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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