

# Converting Colors

Decimal(15602032)

Have a look what the booklet for  
Decimal(15602032) contains.

<b>Decimal(15602032)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(15602032)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE1170
RGB	238, 17, 112
RGB Percent	93%, 7%, 44%
CMY	0.0667, 0.9333, 0.5608
CMYK	0.00, 0.93, 0.53, 0.07
HSL	334°, 87%, 50%
HSV	334°, 93%, 93%
XYZ	38.3850, 19.7479, 17.1178
YIQ	93.9090, 101.2210, 76.3970

# Conversions

## Conversions Part 2

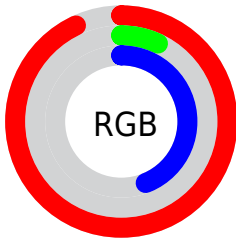
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 17, 112
Decimal	15602032
CIE <sub>Lab</sub>	51.55, 78.41, 8.52
CIE <sub>LCh</sub>	52, 78.876, 6.204
Yxy	19.7479, 0.5101, 0.2624
Android (android.graphics.Color)	4293792112 (0xFFEE1170)
YUV	93.9090, 8.9189, 126.3678
Hunter-Lab	44.4386, 76.4164, 8.2684

# Details

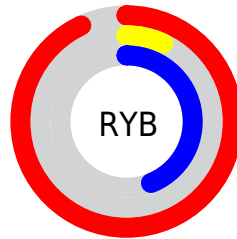
The Decimal color **15602032** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **1175183**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16737187**, and **11468865** is the 20% darker color. If you saturate the color by 10%, you get **15597670**, and if you desaturate by 10%, it is **15608190**.

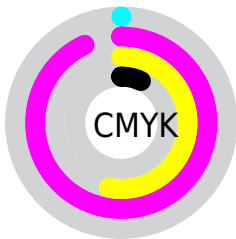
# Distribution



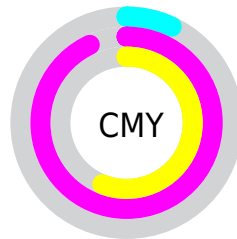
- Red (93%)
- Green (7%)
- Blue (44%)



- Red (93%)
- Yellow (7%)
- Blue (44%)



- Cyan (0%)
- Magenta (93%)
- Yellow (53%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15602032 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 15602032 by changing the saturation by 10% instead.



 15602032

 15602032

16777215

 13500504

 16737187

 11468865

 16745150

 9437227

 16752858

 7405592

 16760566

 5439492

 16768511

 3342338

 16776191

 0

 15602032

 15602032

 15597670

 15608190

 15614347

 15620249

 15626406

 15632564

 15638721

 15644879

 15650781

 15656938

# Harmonies

## Analogous

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



13907379



15602032



14957358

# Triad

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



15602032



4033536



37111

# Complementary

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



15602032



1175183

# 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.



38858



15602032



37952

# Square

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



15602032



9010432



38792



32767

# Rectangle

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



15602032



13522432



38792



37867



# Sweetspot

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



15602032



16758998



9310702



8410215



0



8421504



# Same Dimension

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



15602032



16711790



15605777



7892081



12058703



3670040



# Inverse Universe

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



15602032



16711790



1171438



7892081



12058703



3670040



# Previews

## White Background



This preview shows how the Decimal color 15602032 looks on a white background.

## Color Contrast Check

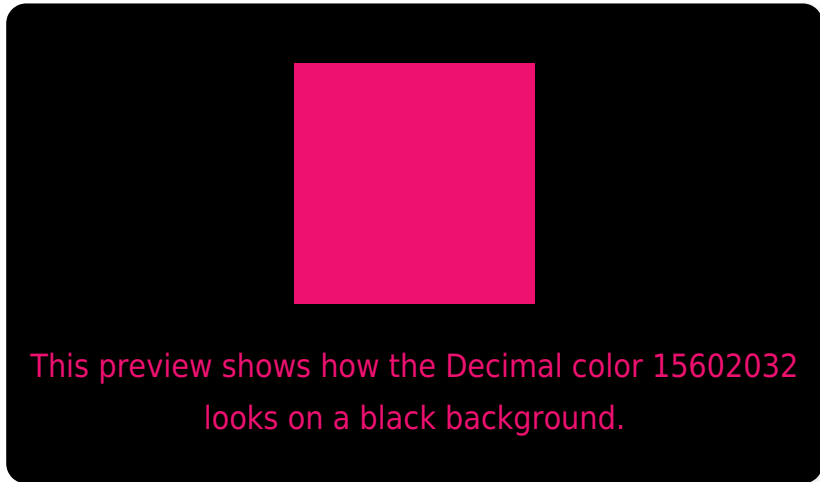
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15602032 Background



This preview shows how black text looks on a background with the Decimal color 15602032.



This preview shows how white text looks on a background with the Decimal color 15602032.

# 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**  
15602032

**Protanopia**  
7502497

**Deuteranopia**  
9402214



# Trichromacy



**Original Color**  
15602032



**Protanomaly**  
10441871



**Deuteranomaly**  
11686506



**Tritanomaly**  
15475782

# Monochromacy



**Original Color**  
15602032



**Achromatopsia**  
6184542



**Achromatomaly**  
9585253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15602032 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 #EE1170 looks like.

```
.text, #text, p{  
    color:#EE1170  
}
```

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 #EE1170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE1170
}
```

## Border

The CSS property to change the border of an element to Decimal 15602032 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
#EE1170 }
```

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

```
.border{ border-color:#EE1170 }
```

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

Here you see how a box with a 4 pixel #EE1170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE1170; -webkit-box-shadow:4px 4px  
4px 4px #EE1170; box-shadow:4px 4px 4px  
4px #EE1170 }
```

# Background

The CSS property to change the background color of an element to Decimal 15602032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE1170 }
```

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

```
.background{ background-color:#EE1170 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor