

# Converting Colors

Decimal(15135428)

Have a look what the booklet for  
Decimal(15135428) contains.

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# **Color**

**Decimal(15135428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F2C4
RGB	230, 242, 196
RGB Percent	90%, 95%, 77%
CMY	0.0980, 0.0510, 0.2314
CMYK	0.05, 0.00, 0.19, 0.05
HSL	76°, 64%, 86%
HSV	76°, 19%, 95%
XYZ	74.3491, 84.3128, 64.5799
YIQ	233.1680, 7.6140, -16.8500

# Conversions

## Conversions Part 2

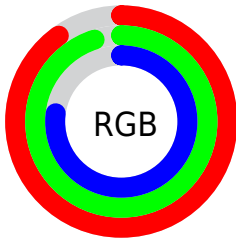
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 242, 208
Decimal	15135428
CIELab	93.59, -11.66, 20.90
CIELCh	94, 23.934, 119.147
Yxy	84.3128, 0.3330, 0.3777
Android (android.graphics.Color)	4293325508 (0xFFE6F2C4)
YUV	233.1680, -18.3238, -2.7783
Hunter-Lab	91.8220, -16.1555, 22.5757

# Details

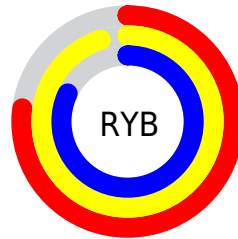
The Decimal color **15135428** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **13681906**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16777213**, and **11451022** is the 20% darker color. If you saturate the color by 10%, you get **14742188**, and if you desaturate by 10%, it is **15528668**.

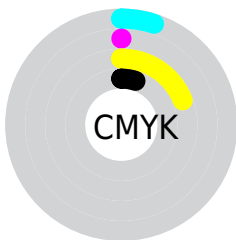
# Distribution



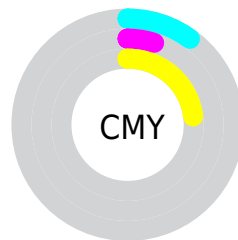
- Red (90%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)




- Cyan (10%)
- Magenta (5%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15135428 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 15135428 by changing the saturation by 10% instead.



 15135428

 15135428

16777215

 13293225

16777213

 11451022


 9674612

 7963996

 6319172


 4739885

 3226648

 1910272

 4864

 15135428

 15135428

 14742188

 15528668

 14283412

 15987444

 13890171

 16380671

 13496931

 16773887

 13038155

 12644915

 12251675

 11792898

 11792896

# Harmonies

## Analogous

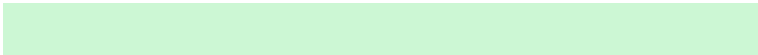
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772031



15135428



13432788

# Triad

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



15135428



12121599



16768238

# Complementary

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



15135428



13681906

# Split Complementary

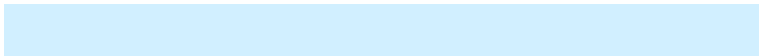
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16769279



15135428



13758463

# Square

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



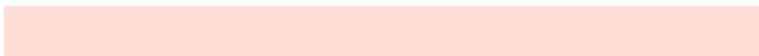
15135428



11467263



15788031



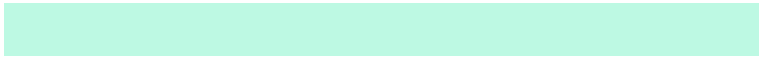
16768727

# Rectangle

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



15135428



12450275



15788031



16768502



# Sweetspot

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



15135428



16515056



15913156



8224887



0



8421504

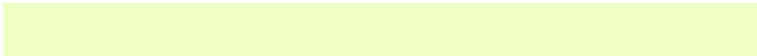


# Same Dimension

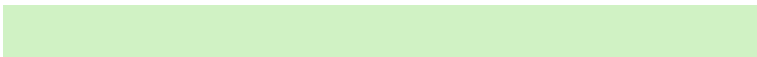
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15135428



15794116



13693636



7698540



8960000



2701312



# Inverse Universe

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



13681906



13944063



15123698



7302264



3145912

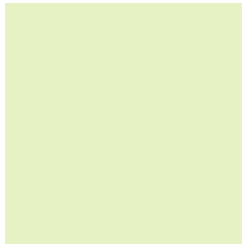


983096



# Previews

## White Background



This preview shows how the Decimal color 15135428 looks on a white background.

## Color Contrast Check

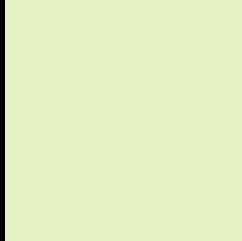
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15135428 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

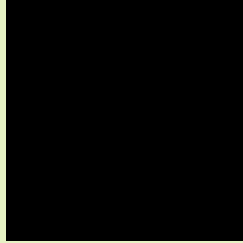
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

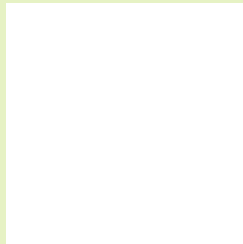
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15135428 Background



This preview shows how black text looks on a background with the Decimal color 15135428.




This preview shows how white text looks on a background with the Decimal color 15135428.

# 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](#).

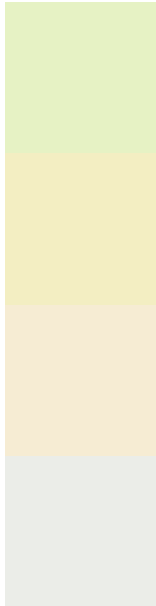
## Dichromacy





**Tritanopia**  
15657725

# Trichromacy



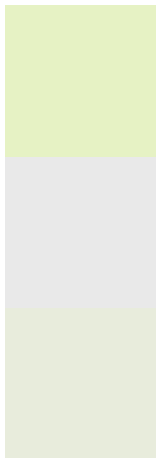
**Original Color**  
15135428

**Protanomaly**  
15986370

**Deuteranomaly**  
16182483

**Tritanomaly**  
15461864

# Monochromacy



**Original Color**  
15135428

**Achromatopsia**  
15329769

**Achromatomaly**  
15264988

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15135428 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 #E6F2C4 looks like.

```
.text, #text, p{  
    color:#E6F2C4  
}
```

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 #E6F2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F2C4
}
```

## Border

The CSS property to change the border of an element to Decimal 15135428 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
#E6F2C4 }
```

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

```
.border{ border-color:#E6F2C4 }
```

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

Here you see how a box with a 4 pixel #E6F2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F2C4; -webkit-box-shadow:4px 4px  
4px 4px #E6F2C4; box-shadow:4px 4px 4px  
4px #E6F2C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 15135428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F2C4 }
```

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

```
.background{ background-color:#E6F2C4 }
```

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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