

# Converting Colors

Hex(54DF20)

Have a look what the booklet for  
Hex(54DF20) contains.

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**Color**

**Hex(54DF20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54DF20
RGB	84, 223, 32
RGB Percent	33%, 87%, 13%
CMY	0.6706, 0.1255, 0.8745
CMYK	0.62, 0.00, 0.86, 0.13
HSL	104°, 75%, 50%
HSV	104°, 86%, 87%
XYZ	30.3045, 54.7645, 10.3399
YIQ	159.6650, -21.5330, -88.8690

# Conversions

## Conversions Part 2

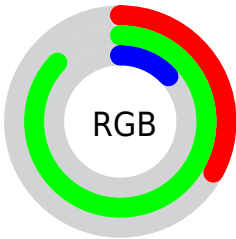
Format	Color
<a href="#">RYB</a>	<a href="#">32, 223, 171</a>
Decimal	<a href="#">5562144</a>
CIELab	<a href="#">78.91, -67.49, 72.38</a>
CIELCh	<a href="#">79, 98.969, 132.998</a>
Yxy	<a href="#">54.7645, 0.3176, 0.5740</a>
Android (android.graphics.Color)	<a href="#">4283752224 (0xFF54DF20)</a>
YUV	<a href="#">159.6650, -62.9388, -66.3582</a>
Hunter-Lab	<a href="#">74.0030, -56.4088, 43.5180</a>

# Details

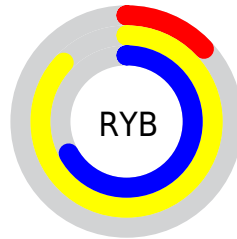
The Hex color **54DF20** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AB20DF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **95FF61**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **44DF0A**, and if you desaturate by 10%, it is **64DF36**.

# Distribution



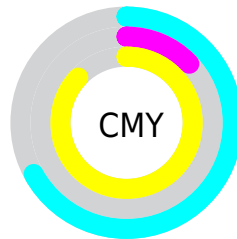
- Red (33%)
- Green (87%)
- Blue (13%)



- Red (13%)
- Yellow (87%)
- Blue (67%)



- Cyan (62%)
- Magenta (0%)
- Yellow (86%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54DF20 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 Hex color 54DF20 by changing the saturation by 10% instead.



 54DF20

 54DF20

FFFFFF

 2CC200

 95FF61

 00A600

 B4FF7E

 008B00

 D3FF9B

 007000

 F2FFB8

 005600

 FFFFD5

 003E00

 FFFFF3

 002500

 000000

 54DF20

 54DF20

 44DF0A

 64DF36

 3DDF00

 74DF4D

 85DF63

 95DF79

 A5DF90

 B5DFA6

 C6DFBC

 D6DFD2

 E6DFE9

# Harmonies

## Analogous

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



C6CC00



54DF20



00E98A

# Triad

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



54DF20



00DDFF



FF55A0

# Complementary

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



54DF20



AB20DF

# 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.



FF63FC



54DF20



00C1FF

# Square

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



54DF20



00E9FF



F796FF



FF7E47

# Rectangle

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



54DF20



00EBCA



F796FF



FF52BE

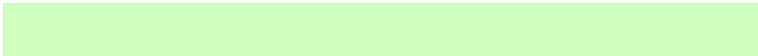


# Sweetspot

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



54DF20



CFFFBD



DFA920



638058



000000



808080



# Same Dimension

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



54DF20



45FF00



20DF49



687065



30B000



0D3000



# Inverse Universe

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



AB20DF



BA00FF



DF20B6



6D6570



8000B0

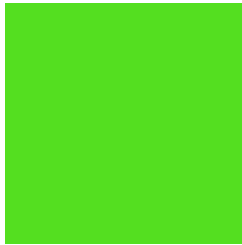


230030



# Previews

## White Background



This preview shows how the Hex color 54DF20 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 Hex color 54DF20 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](#).



## Hex 54DF20 Background



This preview shows how black text looks on a background with the Hex color 54DF20.

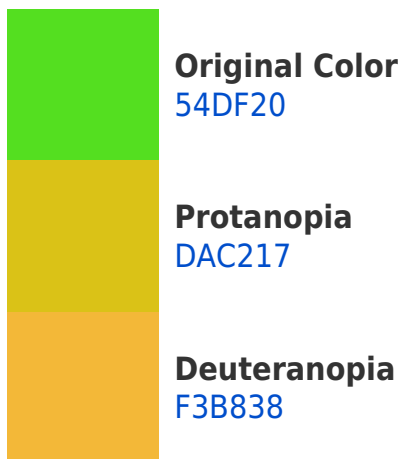


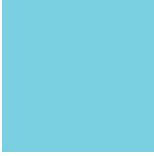
This preview shows how white text looks on a background with the Hex color 54DF20.

# 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](#).

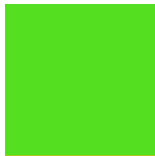
## Dichromacy





**Tritanopia**  
7ACFE0

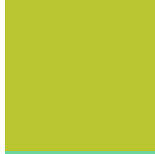
# Trichromacy



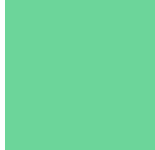
**Original Color**  
54DF20



**Protanomaly**  
A9CD1A



**Deuteranomaly**  
B9C62F



**Tritanomaly**  
6CD59A

# Monochromacy



**Original Color**  
54DF20



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
84B771

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54DF20 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 #54DF20 looks like.

```
.text, #text, p{  
    color:#54DF20  
}
```

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 #54DF20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54DF20
}
```

## Border

The CSS property to change the border of an element to Hex 54DF20 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
#54DF20 }
```

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

```
.border{ border-color:#54DF20 }
```

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

Here you see how a box with a 4 pixel #54DF20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54DF20; -webkit-box-shadow:4px 4px  
4px 4px #54DF20; box-shadow:4px 4px 4px  
4px #54DF20 }
```

# Background

The CSS property to change the background color of an element to Hex 54DF20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54DF20 }
```

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

```
.background{ background-color:#54DF20 }
```

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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