

Converting Colors

HunterLab(51.1250, 99.8751,
-62.4822)

Have a look what the booklet for
HunterLab(51.1250, 99.8751,
-62.4822) contains.

HunterLab(51.0543, 99.7544, -62.5306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.0543, 99.7544,
-62.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	F700F0
RGB	247, 0, 240
RGB Percent	97%, 0%, 94%
CMY	0.0314, 0.9998, 0.0588
CMYK	0.00, 1.00, 0.03, 0.03
HSL	302°, 100%, 48%
HSV	302°, 100%, 97%
XYZ	54.0859, 26.0654, 84.6186
YIQ	101.2130, 70.1720, 127.0040

Conversions

Conversions Part 2

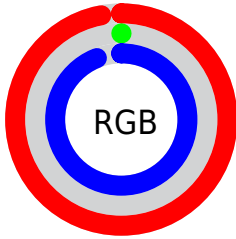
Format	Color
R_{YB}	247, 0, 240
Decimal	16187632
CIE _{Lab}	58.10, 94.94, -56.12
CIE _{LCh}	58, 110.287, 329.412
Yxy	26.0667, 0.3283, 0.1582
Android (android.graphics.Color)	4294377712 (0xFFFF700F0)
YUV	101.2130, 68.4220, 127.8552
Hunter-Lab	51.0543, 99.7544, -62.5306

Details

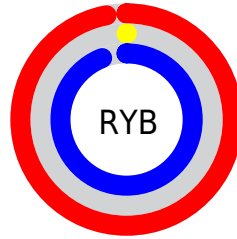
The HunterLab color **51.0543, 99.7544, -62.5306** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **81.5709, -69.8786, 48.8932**, and the grayscale version is **35.8962, -1.9153, 1.9503**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **37.2263, 72.9350, -47.1365** is the 20% darker color. If you saturate the color by 10%, you get **51.0545, 99.7546, -62.5293**, and if you desaturate by 10%, it is **51.7608, 97.4787, -61.4548**.

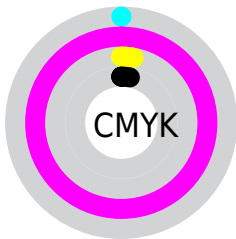
Distribution



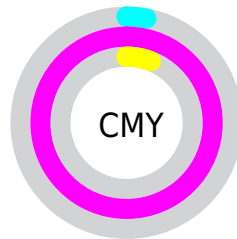
- Red (97%)
- Green (0%)
- Blue (94%)



- Red (97%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0543, 99.7544, -62.5306 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 HunterLab color 51.0543, 99.7544, -62.5306 by changing the saturation by 10% instead.

51.0543, 99.7544,
-62.5306

51.0543, 99.7544,
-62.5306

168.2585,
122.0811, -69.1462

41.0774, 97.1622,
-62.1471

73.0633, 105.1074,
-63.8519

31.8502, 94.8177,
-62.1862

85.0141, 107.7506,
-64.6284

23.4409, 93.0550,
-63.0477

97.5535, 110.3335,
-65.4246

15.9386, 92.6819,
-65.6707

110.6553,
112.8437, -66.2180

9.4699, 96.0712,
-72.7711

124.2961,
115.2750, -66.9945

0.0000, INF, -NF

138.4555,

0.0000, NaN, -NF

117.6251, -67.7449

153.1151,
119.8935, -68.4634

■ 51.0543, 99.7544,
-62.5306

■ 51.0543, 99.7544,
-62.5306

■ 51.0545, 99.7546,
-62.5293

■ 51.7608, 97.4787,
-61.4548

■ 53.2759, 92.4255,
-58.5167

■ 55.7746, 84.3644,
-53.5387

■ 59.2686, 73.8297,
-46.8539

■ 63.7002, 61.5948,
-38.9635

■ 68.9745, 48.4051,
-30.3597

■ 74.9845, 34.8345,
-21.4283

■ 81.6270, 21.2588,
-12.4272

■ 88.8103, 7.8910,
-3.5075

Harmonies

Analogous

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



51.0555, 49.2324, -141.5037



51.0543, 99.7544, -62.5306



51.0555, 121.5423, 1.8957

Triad

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



51.0555, 99.7515, -62.5280



51.0555, -1.8032, 35.7389



51.0555, -59.7369, -59.4198

Complementary

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



51.0543, 99.7544, -62.5306



81.5709, -69.8786, 48.8932

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.



51.0555, -65.0368, 3.6470



51.0543, 99.7544, -62.5306



51.0555, -39.7420, 35.4059

Square

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



51.0555, 99.7515, -62.5280



51.0555, 51.4247, 35.3140



51.0555, -59.2846, 29.9278



51.0555, -40.8334, -138.8297

Rectangle

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



51.0543, 99.7544, -62.5306



51.0555, 112.4532, 23.7874



51.0555, -59.2846, 29.9278



51.0555, -62.7862, -34.5080

Sweetspot

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



51.0555, 99.7515, -62.5280



77.7054, 36.2156, -22.2823



25.9678, 70.3214, -183.6830



34.6936, 19.5130, -12.1280

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0555, 99.7515, -62.5280



52.9369, 103.4314, -64.8263



45.9533, 81.6108, 7.0615



40.9386, 3.3184, -1.4066



37.1334, 72.5621, -45.5395



11.0201, 21.5517, -13.6493

Inverse Universe

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



51.0555, 99.7515, -62.5280



52.9369, 103.4314, -64.8263



82.5056, -64.0451, 35.1322



40.9386, 3.3184, -1.4066



37.1334, 72.5621, -45.5395



11.0201, 21.5517, -13.6493

Previews

White Background



This preview shows how the HunterLab color 51.0543, 99.7544, -62.5306 looks on a white background.

Color Contrast Check

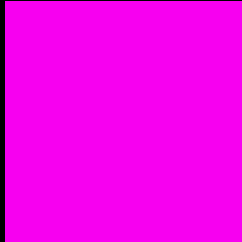
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.0543, 99.7544, -62.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

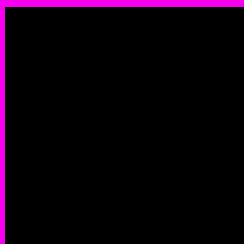
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.0543, 99.7544, -62.5306 Background



This preview shows how black text looks on a background with the HunterLab color 51.0543, 99.7544, -62.5306.



This preview shows how white text looks on a background with the HunterLab color 51.0543, 99.7544, -62.5306.

-62.5306.

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

51.0543, 99.7544, -62.5306

Protanopia

51.7849, 13.8324, -76.1672

Deuteranopia

51.7348, 4.5773, -50.5002



Tritanopia

51.0699, 48.9740, 18.3292

Trichromacy



Original Color

51.0543, 99.7544, -62.5306



Protanomaly

44.0241, 51.2777, -93.7793



Deuteranomaly

44.0202, 45.8004, -73.8993



Tritanomaly

48.4465, 70.4341, -4.7458

Monochromacy



Original Color

51.0543, 99.7544, -62.5306



Achromatopsia

36.0744, -1.9248, 1.9600



Achromatomaly

35.7824, 41.2775, -26.4496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0543, 99.7544, -62.5306 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 `rgb(247, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 240)  
}
```

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 rgb(247, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0543, 99.7544, -62.5306 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 rgb(247, 0, 240) }
```


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

```
.border{ border-color:rgb(247, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0543, 99.7544, -62.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 240) }
```

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

```
.background{ background-color: rgb(247, 0,  
240) }
```

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