

Converting Colors

HunterLab(33.2426, 62.4230,
-21.1083)

Have a look what the booklet for
HunterLab(33.2426, 62.4230,
-21.1083) contains.

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Color

**HunterLab(33.2642, 62.4822,
-21.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	B0008A
RGB	176, 0, 138
RGB Percent	69%, 0%, 54%
CMY	0.3098, 0.9999, 0.4588
CMYK	0.00, 1.00, 0.22, 0.31
HSL	313°, 100%, 35%
HSV	313°, 100%, 69%
XYZ	22.4919, 11.0651, 24.9951
YIQ	68.3560, 60.5980, 80.2300

Conversions

Conversions Part 2

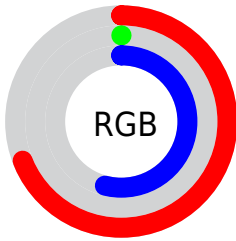
Format	Color
R_{YB}	176, 0, 138
Decimal	11534474
CIE _{Lab}	39.69, 69.22, -26.44
CIE _{LCh}	40, 74.100, 339.094
Yxy	11.0657, 0.3841, 0.1890
Android (android.graphics.Color)	4289724554 (0xFFB0008A)
YUV	68.3560, 34.3345, 94.4038
Hunter-Lab	33.2642, 62.4822, -21.2662

Details

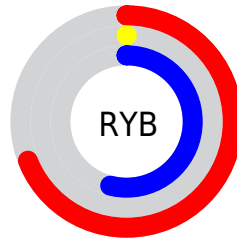
The HunterLab color **33.2642, 62.4822, -21.2662** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **55.8489, -46.9942, 31.6423**, and the grayscale version is **24.0408, -1.2828, 1.3062**.

A 20% lighter version of the original color is **52.5875, 67.0601, -22.6470**, and **21.3451, 39.8549, -11.7946** is the 20% darker color. If you saturate the color by 10%, you get **33.2641, 62.4815, -21.2631**, and if you desaturate by 10%, it is **34.0554, 60.8643, -22.3672**.

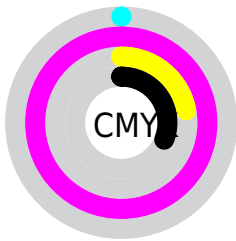
Distribution



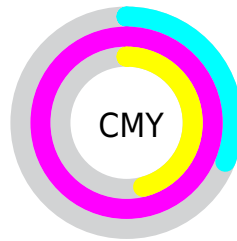
- Red (69%)
- Green (0%)
- Blue (54%)



- Red (69%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2642, 62.4822, -21.2662 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 33.2642, 62.4822, -21.2662 by changing the saturation by 10% instead.

33.2642, 62.4822,
-21.2662

33.2642, 62.4822,
-21.2662

140.7542, 80.4755,
-24.1603

24.7205, 60.2680,
-20.7215

52.7082, 67.0350,
-22.2879

17.0666, 58.3988,
-20.2508

63.4913, 69.2309,
-22.7247

10.4227, 57.6527,
-20.1072

74.9236, 71.3390,
-23.1037

0.0000, INF, -NF

0.0000, NaN, NaN

86.9699, 73.3526,
-23.4247

0.0000, NaN, NaN

99.6005, 75.2707,
-23.6888

0.0000, NaN, NaN

0.0000, NaN, NaN

112.7894, 77.0951,

-23.8979

126.5141, 78.8288,
-24.0544

■ 33.2642, 62.4822,
-21.2662

■ 33.2642, 62.4822,
-21.2662

■ 33.2641, 62.4815,
-21.2631

■ 34.0554, 60.8643,
-22.3672

■ 35.3672, 57.5689,
-22.5155

■ 37.3405, 52.3776,
-21.4892

■ 39.9629, 45.6968,
-19.4172

■ 43.1833, 38.0285,
-16.5225

■ 46.9332, 29.8190,
-13.0390

■ 51.1410, 21.3949,
-9.1634

■ 55.7408, 12.9631,
-5.0409

■ 60.6757, 4.6381,
-0.7701

Harmonies

Analogous

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



33.2651, 38.0125, -64.5017



33.2642, 62.4822, -21.2662



33.2651, 67.1597, 8.7491

Triad

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



33.2651, 62.4795, -21.2648



33.2651, -9.6407, 23.2856



33.2651, -33.3981, -47.2728

Complementary

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



33.2642, 62.4822, -21.2662



55.8489, -46.9942, 31.6423

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.



33.2651, -39.2522, -7.0446



33.2642, 62.4822, -21.2662



33.2651, -28.7352, 21.9245

Square

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



33.2651, 62.4795, -21.2648



33.2651, 19.0032, 23.2856



33.2651, -37.8747, 15.1149



33.2651, -18.4479, -86.1628

Rectangle

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



33.2642, 62.4822, -21.2662



33.2651, 57.3201, 18.0488



33.2651, -37.8747, 15.1149



33.2651, -36.2354, -32.5701

Sweetspot

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



33.2651, 62.4795, -21.2648



68.5532, 29.4266, -12.6317



18.6984, 48.7779, -117.8656



30.8027, 15.8756, -6.8985



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



33.2651, 62.4795, -21.2648



44.7586, 84.0073, -28.1072



30.7994, 53.5696, 13.4748



29.3508, 1.9712, -0.2341



28.5087, 53.5752, -18.4248



5.1339, 9.7753, -4.3051

Inverse Universe

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



33.2651, 62.4795, -21.2648



44.7586, 84.0073, -28.1072



56.9967, -39.8841, 14.8591



29.3508, 1.9712, -0.2341



28.5087, 53.5752, -18.4248



5.1339, 9.7753, -4.3051

Previews

White Background



This preview shows how the HunterLab color 33.2642, 62.4822, -21.2662 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 × Fail

Black Background



This preview shows how the HunterLab color 33.2642, 62.4822, -21.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

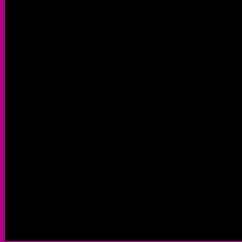
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.2642, 62.4822, -21.2662 Background



This preview shows how black text looks on a background with the HunterLab color 33.2642, 62.4822, -21.2662.



This preview shows how white text looks on a background with the HunterLab color 33.2642, 62.4822, -21.2662.

-21.2662.

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

33.2642, 62.4822, -21.2662

Protanopia

34.5447, 12.4525, -68.1300

Deuteranopia

34.3448, 2.1870, -14.6523



Tritanopia

33.8818, 38.8830, 14.7848

Trichromacy



Original Color

33.2642, 62.4822, -21.2662



Protanomaly

27.7830, 29.7847, -68.9101



Deuteranomaly

29.6978, 28.5008, -24.7833



Tritanomaly

32.5371, 48.7490, 4.8595

Monochromacy



Original Color

33.2642, 62.4822, -21.2662



Achromatopsia

24.0428, -1.2829, 1.3063



Achromatomaly

23.7568, 25.3199, -10.7632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2642, 62.4822, -21.2662 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(176, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 138)  
}
```

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(176, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2642, 62.4822, -21.2662 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(176, 0, 138) }
```


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

```
.border{ border-color:rgb(176, 0, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 0, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2642, 62.4822, -21.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 138) }
```

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

```
.background{ background-color: rgb(176, 0,  
138) }
```

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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