

Converting Colors

HunterLab(34.3662, 45.1374,
19.4841)

Have a look what the booklet for
HunterLab(34.3662, 45.1374,
19.4841) contains.

| | |
|---|----|
| HunterLab(34.3662, 45.1374, 19.4841) | 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(34.3662, 45.1374,
19.4841)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B52D21 |
| RGB | 181, 45, 33 |
| RGB Percent | 71%, 18%, 13% |
| CMY | 0.2902, 0.8235, 0.8706 |
| CMYK | 0.00, 0.75, 0.82, 0.29 |
| HSL | 5°, 69%, 42% |
| HSV | 5°, 82%, 71% |
| XYZ | 20.2690, 11.8104, 2.6502 |
| YIQ | 84.2960, 84.9080, 25.1000 |

Conversions

Conversions Part 2

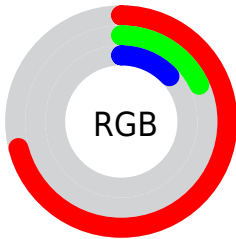
| Format | Color |
|-------------------------------------|--|
| RYB | 181, 46, 33 |
| Decimal | 11873569 |
| CIELab | 40.91, 53.40, 40.17 |
| CIELCh | 41, 66.822, 36.947 |
| Yxy | 11.8111, 0.5836, 0.3401 |
| Android (android.graphics.Color) | 4290063649 (0xFFB52D21) |
| YUV | 84.2960, -25.2889, 84.8094 |
| Hunter-Lab | 34.3662, 45.1374, 19.4841 |

Details

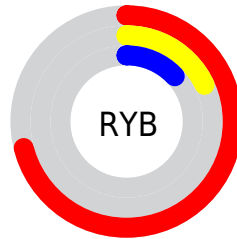
The HunterLab color **34.3662, 45.1374, 19.4841** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **56.5966, -26.0194, -11.3771**, and the grayscale version is **29.9524, -1.5982, 1.6274**.

A 20% lighter version of the original color is **53.9490, 49.0972, 25.9732**, and **19.9827, 34.2209, 12.9123** is the 20% darker color. If you saturate the color by 10%, you get **32.7208, 49.4746, 20.2163**, and if you desaturate by 10%, it is **36.7015, 39.6527, 18.2310**.

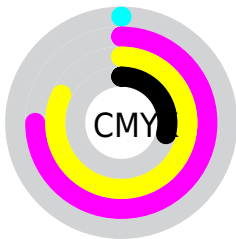
Distribution



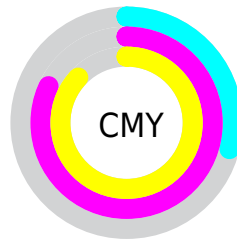
- Red (71%)
- Green (18%)
- Blue (13%)



- Red (71%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (75%)
- Yellow (82%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3662, 45.1374, 19.4841 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 34.3662, 45.1374, 19.4841 by changing the saturation by 10% instead.

■ 34.3662, 45.1374,
19.4841

■ 34.3662, 45.1374,
19.4841

142.5309, 58.8706,
44.9559

■ 25.7200, 43.1319,
15.8871

■ 53.9912, 48.8960,
25.9858

■ 17.9516, 41.1521,
12.5662

■ 64.8559, 50.6186,
28.9796

■ 11.1760, 39.4924,
7.8232

■ 76.3650, 52.2337,
31.8469

■ 3.1814, 80.4049,
2.2270

■ 88.4843, 53.7456,
34.6114

0.0000, INF, NaN

0.0000, NaN, NaN

■ 101.1846, 55.1597,
37.2915


0.0000, NaN, NaN


■ 114.4402, 56.4817,


0.0000, NaN, NaN


39.9016


0.0000, NaN, NaN


 128.2289, 57.7169,
42.4533


 34.3662, 45.1374,
19.4841


 34.3662, 45.1374,
19.4841


 32.7208, 49.4746,
20.2163


 36.7015, 39.6527,
18.2310

 31.8694, 51.8929,
20.5462

 39.6781, 33.4945,
16.5738

 43.2249, 27.0676,
14.6522

 47.2630, 20.6568,
12.5836

 51.7186, 14.4259,
10.4502

■ 56.5277, 8.4495,
8.3028

■ 61.6370, 2.7471,
6.1691

■ 67.0036, -2.6915,
4.0624

■ 72.5925, -7.8908,
1.9870

Harmonies

Analogous

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



34.3672, 59.4022, 6.9139



34.3662, 45.1374, 19.4841



34.3672, 18.8824, 22.9648

Triad

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



34.3672, 45.1337, 19.4847



34.3672, -35.6070, 15.3069



34.3672, 4.1196, -80.3875

Complementary

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



34.3662, 45.1374, 19.4841



56.5966, -26.0194, -11.3771

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.



34.3672, -18.5736, -71.4252



34.3662, 45.1374, 19.4841



34.3672, -37.4964, -4.0757

Square

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



34.3672, 45.1337, 19.4847



34.3672, -26.0419, 21.9565



34.3672, -32.2263, -38.0462



34.3672, 31.7488, -57.6420

Rectangle

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



34.3662, 45.1374, 19.4841



34.3672, 0.7387, 23.5970



34.3672, -32.2263, -38.0462



34.3672, -4.3363, -81.1435

Sweetspot

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



34.3672, 45.1337, 19.4847



73.2505, 14.1850, 12.1598



37.2247, 64.1505, -37.4110



33.0230, 7.8816, 6.1150



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



34.3672, 45.1337, 19.4847



42.6979, 69.3734, 27.3377



47.5658, 13.1149, 27.7458



29.3469, 0.6472, 2.6343



26.5432, 42.8116, 17.1053



5.0794, 6.4259, 3.2424

Inverse Universe

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



56.5966, -26.0194, -11.3771



74.2216, -34.8006, -17.4179



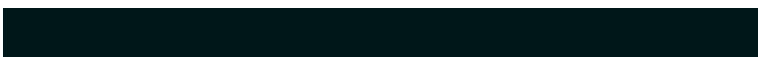
34.9766, 6.4352, -52.4389



30.8403, -3.7170, 0.6628



46.0732, -21.6869, -10.7718



8.3810, -4.1042, -1.6157

Previews

White Background



This preview shows how the HunterLab color 34.3662, 45.1374, 19.4841 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 34.3662, 45.1374, 19.4841 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 34.3662, 45.1374, 19.4841 Background



This preview shows how black text looks on a background with the HunterLab color 34.3662, 45.1374, 19.4841.



This preview shows how white text looks on a background with the HunterLab color 34.3662, 45.1374, 19.4841.

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

34.3662, 45.1374, 19.4841

Protanopia

34.8263, -4.2326, 16.8073

Deuteranopia

34.7659, 1.8001, 20.4034



Tritanopia

34.3723, 45.9460, 17.7021

Trichromacy



Original Color

34.3662, 45.1374, 19.4841

Protanomaly

33.0303, 13.5615, 16.6586

Deuteranomaly

33.4128, 17.6599, 19.3645

Tritanomaly

34.3296, 45.7712, 18.3319

Monochromacy



Original Color

34.3662, 45.1374, 19.4841

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.4685, 13.5587, 8.3337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3662, 45.1374, 19.4841 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(181, 45, 33)` looks like.

```
.text, #text, p{  
    color:rgb(181, 45, 33)  
}
```

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(181, 45, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 45, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3662, 45.1374, 19.4841 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(181, 45, 33) }
```


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

```
.border{ border-color:rgb(181, 45, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 45, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 45, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 45, 33);  
box-shadow:4px 4px 4px 4px rgb(181, 45,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3662, 45.1374, 19.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 45, 33) }
```

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

```
.background{ background-color: rgb(181, 45,  
33) }
```

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