

Converting Colors

HunterLab(36.3952, 36.5505,
21.9002)

Have a look what the booklet for
HunterLab(36.3952, 36.5505,
21.9002) contains.

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Color

**HunterLab(36.3124, 36.3833,
21.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	B24015
RGB	178, 64, 21
RGB Percent	70%, 25%, 8%
CMY	0.3020, 0.7490, 0.9176
CMYK	0.00, 0.64, 0.88, 0.30
HSL	16°, 79%, 39%
HSV	16°, 88%, 70%
XYZ	20.3288, 13.1859, 2.1831
YIQ	93.1840, 81.7470, 10.7950

Conversions

Conversions Part 2

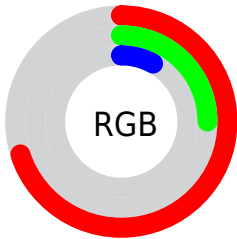
Format	Color
R_{YB}	178, 80, 21
Decimal	11681813
CIE _{Lab}	43.04, 44.52, 47.46
CIE _{LCh}	43, 65.076, 46.832
Yxy	13.1867, 0.5695, 0.3694
Android (android.graphics.Color)	4289871893 (0xFFB24015)
YUV	93.1840, -35.5867, 74.3836
Hunter-Lab	36.3124, 36.3833, 21.8541

Details

The HunterLab color **36.3124, 36.3833, 21.8541** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **45.4971, -12.8914, -27.0786**, and the grayscale version is **33.2610, -1.7747, 1.8071**.

A 20% lighter version of the original color is **56.0876, 39.6053, 29.1291**, and **19.5584, 32.9239, 12.6282** is the 20% darker color. If you saturate the color by 10%, you get **34.4193, 41.2311, 21.7724**, and if you desaturate by 10%, it is **38.6112, 31.2333, 21.4178**.

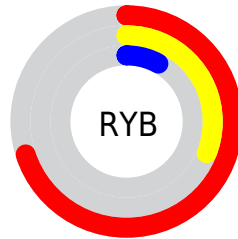
Distribution



Red (70%)

Green (25%)

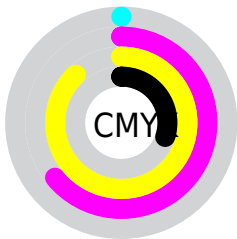
Blue (8%)



Red (70%)

Yellow (31%)

Blue (8%)

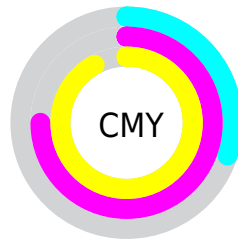


Cyan (0%)

Magenta (64%)

Yellow (88%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3124, 36.3833, 21.8541 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 36.3124, 36.3833, 21.8541 by changing the saturation by 10% instead.

36.3124, 36.3833,
21.8541

36.3124, 36.3833,
21.8541

145.6402, 47.2350,
50.9948

27.4904, 34.6420,
17.8096

56.2483, 39.5082,
29.3219

19.5268, 32.8191,
13.6687

67.2534, 40.8989,
32.7624

12.5279, 31.0289,
8.7695

78.8951, 42.1824,
36.0530

5.8043, 37.2949,
4.0630

91.1404, 43.3662,
39.2193

0.0000, INF, NaN

0.0000, NaN, NaN

103.9608, 44.4572,
42.2817


0.0000, NaN, NaN


117.3318, 45.4619,


0.0000, NaN, NaN


45.2567


0.0000, NaN, NaN


 131.2313, 46.3861,
48.1575


 36.3124, 36.3833,
21.8541


 36.3124, 36.3833,
21.8541


 34.4193, 41.2311,
21.7724


 38.6112, 31.2333,
21.4178

 34.1195, 42.0363,
21.7602

 41.2848, 26.0388,
20.4109

 44.2961, 20.9593,
18.8953

 47.6064, 16.0947,
16.9490

 51.1794, 11.4958,
14.6478

■ 54.9827, 7.1789,
12.0579

■ 58.9884, 3.1393,
9.2335

■ 63.1726, -0.6397,
6.2177

■ 67.5150, -4.1805,
3.0440

Harmonies

Analogous

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



36.3135, 55.2717, 12.7338



36.3124, 36.3833, 21.8541



36.3135, 9.4664, 24.1812

Triad

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



36.3135, 36.3800, 21.8546



36.3135, -37.4511, 10.7995



36.3135, 12.7838, -72.7560

Complementary

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



36.3124, 36.3833, 21.8541



45.4971, -12.8914, -27.0786

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.



36.3135, -12.0911, -74.7015



36.3124, 36.3833, 21.8541



36.3135, -37.0076, -13.6000

Square

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



36.3135, 36.3800, 21.8546



36.3135, -30.3804, 21.2437



36.3135, -28.9464, -48.4778



36.3135, 39.3584, -44.1940

Rectangle

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



36.3124, 36.3833, 21.8541



36.3135, -7.3922, 24.3237



36.3135, -28.9464, -48.4778



36.3135, 3.8551, -76.9903

Sweetspot

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



36.3135, 36.3800, 21.8546



74.9684, 8.6882, 15.5925



34.3259, 59.9575, -18.1172



34.4392, 4.9948, 7.9282



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.



36.3135, 36.3800, 21.8546



45.5874, 57.6735, 29.1004



53.5510, -0.1348, 32.2099



29.7852, -0.1084, 3.1186



29.0205, 35.0898, 18.4966



6.0392, 3.8894, 3.7894

Inverse Universe

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



45.4971, -12.8914, -27.0786



58.3214, -14.3295, -41.9633



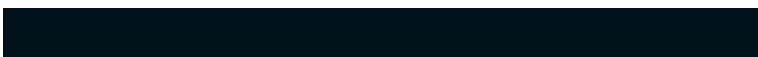
25.2252, 25.4845, -83.0080



30.3809, -2.9796, 0.1163



36.9976, -9.5331, -25.6647



7.2240, -2.6184, -3.3770

Previews

White Background



This preview shows how the HunterLab color 36.3124, 36.3833, 21.8541 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 36.3124, 36.3833, 21.8541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

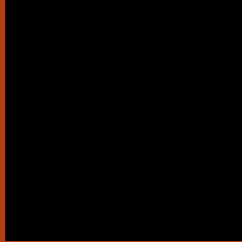
Any Text WCAG AA × Fail

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 36.3124, 36.3833, 21.8541 Background



This preview shows how black text looks on a background with the HunterLab color 36.3124, 36.3833, 21.8541.



This preview shows how white text looks on a background with the HunterLab color 36.3124, 36.3833,

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

36.3124, 36.3833, 21.8541

Protanopia

36.6664, -4.9308, 20.4112

Deuteranopia

36.4626, 2.1838, 22.5063



Tritanopia

36.2964, 40.2647, 15.3889

Trichromacy



Original Color

36.3124, 36.3833, 21.8541

Protanomaly

35.5347, 9.4029, 20.3308

Deuteranomaly

35.6617, 14.2990, 21.8430

Tritanomaly

36.2417, 38.9864, 18.4398

Monochromacy



Original Color

36.3124, 36.3833, 21.8541

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.7489, 9.9634, 10.7404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3124, 36.3833, 21.8541 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(178, 64, 21)` looks like.

```
.text, #text, p{  
    color:rgb(178, 64, 21)  
}
```

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(178, 64, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 64, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3124, 36.3833, 21.8541 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(178, 64, 21) }
```


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

```
.border{ border-color:rgb(178, 64, 21) }
```

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

Here you see how a box with a 4 pixel rgb(178, 64, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 64, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 64, 21);  
box-shadow:4px 4px 4px 4px rgb(178, 64,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3124, 36.3833, 21.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 64, 21) }
```

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

```
.background{ background-color: rgb(178, 64,  
21) }
```

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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