

Converting Colors

HunterLab(20.3080, 5.1035,
10.3612)

Have a look what the booklet for
HunterLab(20.3080, 5.1035,
10.3612) contains.

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Color

**HunterLab(20.3250, 5.1540,
10.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	503316
RGB	80, 51, 22
RGB Percent	31%, 20%, 9%
CMY	0.6863, 0.8000, 0.9137
CMYK	0.00, 0.36, 0.72, 0.69
HSL	30°, 57%, 20%
HSV	30°, 72%, 31%
XYZ	4.6369, 4.1311, 1.3120
YIQ	56.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

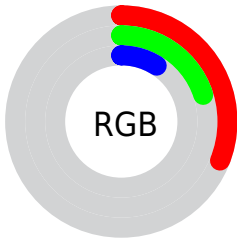
Format	Color
RYB	80, 80, 22
Decimal	5255958
CIELab	24.10, 9.85, 23.29
CIELCh	24, 25.284, 67.069
Yxy	4.1313, 0.4600, 0.4098
Android (android.graphics.Color)	4283446038 (0xFF503316)
YUV	56.3650, -16.9419, 20.7279
Hunter-Lab	20.3250, 5.1540, 10.4002

Details

The HunterLab color **20.3250, 5.1540, 10.4002** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.6557, -0.9456, -14.6233**, and the grayscale version is **20.0607, -1.0704, 1.0899**.

A 20% lighter version of the original color is **37.2133, 5.7419, 14.8191**, and **6.7752, 5.8385, 4.2771** is the 20% darker color. If you saturate the color by 10%, you get **19.4176, 6.5053, 10.8103**, and if you desaturate by 10%, it is **21.2880, 3.9071, 9.7649**.

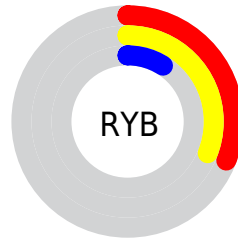
Distribution



Red (31%)

Green (20%)

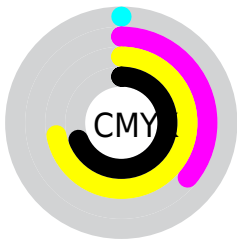
Blue (9%)



Red (31%)

Yellow (31%)

Blue (9%)

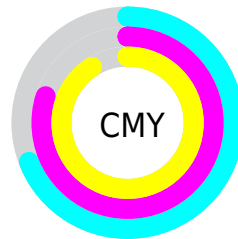


Cyan (0%)

Magenta (36%)

Yellow (72%)

Black (69%)



Cyan (69%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3250, 5.1540, 10.4002 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 20.3250, 5.1540, 10.4002 by changing the saturation by 10% instead.

■ 20.3250, 5.1540,
10.4002

■ 20.3250, 5.1540,
10.4002

■ 118.7771, 4.4638,
27.9527

■ 13.2184, 4.8000,
8.9314

■ 37.2935, 5.5043,
14.8867

■ 6.7378, 6.0112,
4.7164

■ 46.9783, 5.5434,
16.9261

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3810, 5.5084,
18.8795

0.0000, NaN, NaN

■ 68.4551, 5.4078,
20.7693

0.0000, NaN, NaN

■ 80.1621, 5.2483,
22.6114

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4695, 5.0351,

24.4172

0.0000, NaN, NaN

105.3493, 4.7724,
26.1954

20.3250, 5.1540,
10.4002

20.3250, 5.1540,
10.4002

19.4176, 6.5053,
10.8103

21.2880, 3.9071,
9.7649

18.5650, 7.9429,
11.0284

22.3014, 2.7707,
8.9153

17.9534, 9.0187,
11.2207

23.3622, 1.7429,
7.8662

24.4669, 0.8205,
6.6333

25.6122, -0.0012,
5.2319

■ 26.7953, -0.7277,
3.6771

■ 28.0135, -1.3651,
1.9826

■ 29.2641, -1.9196,
0.1612

■ 30.5450, -2.3971,
-1.7758

Harmonies

Analogous

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



20.3255, 12.4534, 8.0116



20.3250, 5.1540, 10.4002



20.3255, -2.9147, 10.8351

Triad

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



20.3255, 5.1529, 10.4004



20.3255, -14.0290, -0.7463



20.3255, 8.8643, -14.0578

Complementary

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



20.3250, 5.1540, 10.4002



17.6557, -0.9456, -14.6233

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.



20.3255, 0.8106, -18.9920



20.3250, 5.1540, 10.4002



20.3255, -11.8059, -9.6245

Square

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



20.3255, 5.1529, 10.4004



20.3255, -13.2295, 5.9540



20.3255, -6.6521, -17.1185



20.3255, 14.8136, -5.3395

Rectangle

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



20.3250, 5.1540, 10.4002



20.3255, -7.5240, 10.2039



20.3255, -6.6521, -17.1185



20.3255, 6.2696, -16.3398

Sweetspot

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



20.3255, 5.1529, 10.4004



33.7875, 0.0290, 6.9698



15.8692, 19.3893, -1.5836



17.0964, 0.0894, 3.6892



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



20.3255, 5.1529, 10.4004



24.7836, 10.0506, 14.4880



27.3874, -6.7255, 15.1149



14.2635, -0.5114, 1.6001



23.3603, 12.7105, 14.6170



54.4635, 34.2920, 34.1605

Inverse Universe

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



17.6557, -0.9456, -14.6233



20.5807, 1.0093, -25.4535



11.5048, 11.9176, -31.8141



14.0790, -0.9630, -0.0990



18.6841, 3.2899, -30.4554



42.8060, 11.9077, -79.2091

Previews

White Background



This preview shows how the HunterLab color 20.3250, 5.1540, 10.4002 looks on a white background.

Color Contrast Check

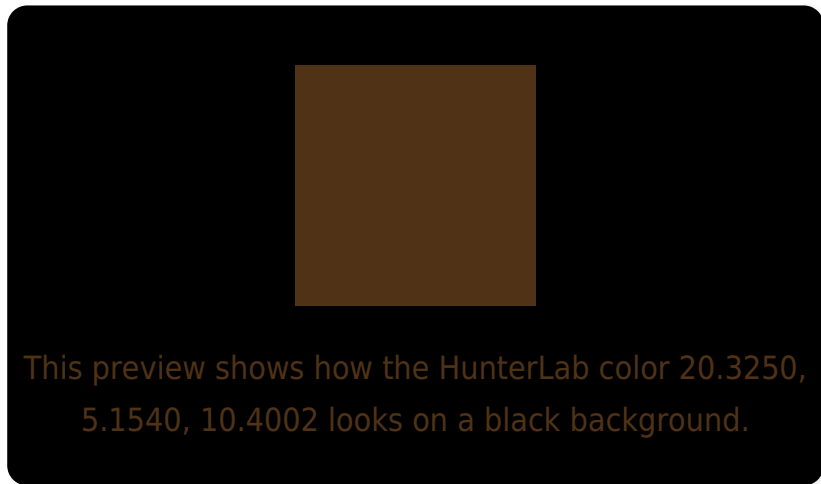
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

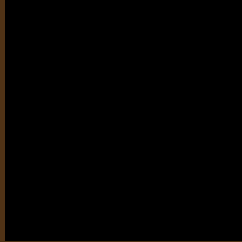
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 20.3250, 5.1540, 10.4002 Background



This preview shows how black text looks on a background with the HunterLab color 20.3250, 5.1540, 10.4002.



This preview shows how white text looks on a background with the HunterLab color 20.3250, 5.1540,

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

20.3250, 5.1540, 10.4002

Protanopia

20.4501, -2.6864, 10.0488

Deuteranopia

20.4065, 0.7999, 10.5270



Tritanopia

20.3636, 9.3680, 3.5930

Trichromacy



Original Color

20.3250, 5.1540, 10.4002

Protanomaly

20.2394, 0.2701, 10.1015

Deuteranomaly

20.4654, 2.1802, 10.5935

Tritanomaly

20.2464, 7.5457, 6.7291

Monochromacy



Original Color

20.3250, 5.1540, 10.4002

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.8595, 0.7828, 5.1370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3250, 5.1540, 10.4002 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(80, 51, 22)` looks like.

```
.text, #text, p{  
    color:rgb(80, 51, 22)  
}
```

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(80, 51, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 51, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3250, 5.1540, 10.4002 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(80, 51, 22) }
```


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

```
.border{ border-color:rgb(80, 51, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 51, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 51, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 51, 22);  
box-shadow:4px 4px 4px 4px rgb(80, 51, 22)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3250, 5.1540, 10.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 51, 22) }
```

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

```
.background{ background-color: rgb(80, 51,  
22) }
```

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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