

Converting Colors

HunterLab(20.8290, 17.7143,
-51.0559)

Have a look what the booklet for
HunterLab(20.8290, 17.7143,
-51.0559) contains.

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Color

**HunterLab(20.8023, 17.7823,
-51.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3086
RGB	42, 48, 134
RGB Percent	16%, 19%, 53%
CMY	0.8353, 0.8118, 0.4745
CMYK	0.69, 0.64, 0.00, 0.47
HSL	236°, 52%, 35%
HSV	236°, 69%, 53%
XYZ	6.3148, 4.3274, 23.0566
YIQ	56.0100, -31.1820, 25.4740

Conversions

Conversions Part 2

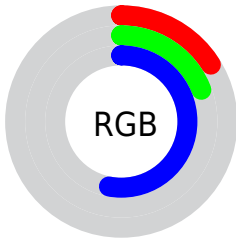
Format	Color
R_{YB}	42, 48, 134
Decimal	2764934
CIE _{Lab}	24.73, 26.97, -48.99
CIE _{LCh}	25, 55.925, 298.832
Yxy	4.3275, 0.1874, 0.1284
Android (android.graphics.Color)	4280955014 (0xFF2A3086)
YUV	56.0100, 38.4491, -12.2868
Hunter-Lab	20.8023, 17.7823, -51.1536

Details

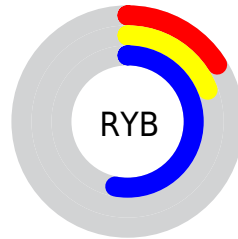
The HunterLab color **20.8023, 17.7823, -51.1536** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **45.4701, -9.0310, 25.0035**, and the grayscale version is **19.7709, -1.0549, 1.0742**.

A 20% lighter version of the original color is **37.8755, 20.1286, -50.7854**, and **8.5620, 18.6986, -51.0667** is the 20% darker color. If you saturate the color by 10%, you get **17.9076, 22.6251, -63.2442**, and if you desaturate by 10%, it is **24.1498, 13.5022, -40.2557**.

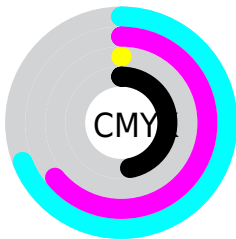
Distribution



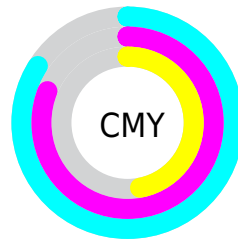
- Red (16%)
- Green (19%)
- Blue (53%)



- Red (16%)
- Yellow (19%)
- Blue (53%)



- Cyan (69%)
- Magenta (64%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8023, 17.7823, -51.1536 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 20.8023, 17.7823, -51.1536 by changing the saturation by 10% instead.

■ 20.8023, 17.7823,
-51.1536

■ 20.8023, 17.7823,
-51.1536

■ 119.6340, 24.1718,
-55.5915

■ 13.6322, 16.4740,
-53.2159

■ 37.8767, 19.9577,
-50.8312

■ 7.2331, 16.8637,
-62.7924

■ 47.6079, 20.8466,
-51.3292

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.0539, 21.6227,
-51.9820

0.0000, NaN, -NF

■ 69.1686, 22.2981,
-52.7039

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.9140, 22.8830,
-53.4479

0.0000, NaN, NaN

■ 93.2580, 23.3857,

-54.1868

0.0000, NaN, NaN

106.1727, 23.8134,
-54.9046

■ 20.8023, 17.7823,
-51.1536

■ 20.8023, 17.7823,
-51.1536

■ 17.9076, 22.6251,
-63.2442

■ 24.1498, 13.5022,
-40.2557

■ 15.6050, 27.6968,
-75.5925

■ 27.8414, 9.8102,
-30.7033

■ 13.9968, 32.1130,
-86.3522

■ 31.8010, 6.6249,
-22.3388

■ 13.8231, 32.5998,
-87.6513

■ 35.9751, 3.8449,
-14.9364

■ 40.3261, 1.3807,
-8.2879

■ 44.8267, -0.8392,
-2.2242

■ 49.4567, -2.8693,
3.3860

■ 54.2008, -4.7512,
8.6431

■ 59.0471, -6.5164,
13.6233

Harmonies

Analogous

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



20.8026, -1.7941, -63.2763



20.8023, 17.7823, -51.1536



20.8026, 36.3346, -23.2608

Triad

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



20.8026, 17.7832, -51.1530



20.8026, 19.3833, 14.5618



20.8026, -25.2344, 1.7757

Complementary

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



20.8023, 17.7823, -51.1536



45.4701, -9.0310, 25.0035

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.



20.8026, -22.8209, 11.8345



20.8023, 17.7823, -51.1536



20.8026, -0.4192, 14.5618

Square

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



20.8026, 17.7832, -51.1530



20.8026, 37.4536, 11.4241



20.8026, -15.0069, 14.5618



20.8026, -23.1814, -21.0466

Rectangle

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



20.8023, 17.7823, -51.1536



20.8026, 43.4029, -6.0905



20.8026, -15.0069, 14.5618



20.8026, -24.9385, 6.4378

Sweetspot

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



20.8026, 17.7832, -51.1530



51.8837, 2.7151, -13.3930



43.7008, -21.8747, -1.0997



23.9909, 1.6427, -7.3134



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



20.8026, 17.7832, -51.1530



22.0844, 33.5145, -92.4907



22.7278, 27.7659, -44.3466



21.4236, -0.3556, -1.1982



13.4053, 31.4626, -84.6742



0.9589, 1.2582, -3.9146

Inverse Universe

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



26.3401, 29.7579, 10.4574



31.7450, 46.8335, 16.5517



44.2767, -22.7647, 23.9507



21.6640, 0.6816, 1.6227



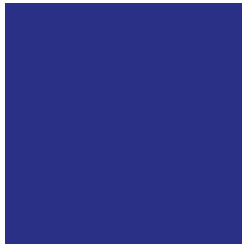
21.8366, 37.4808, 13.4510



1.2969, 2.2490, 0.6204

Previews

White Background



This preview shows how the HunterLab color 20.8023, 17.7823, -51.1536 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



This preview shows how the HunterLab color 20.8023, 17.7823, -51.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

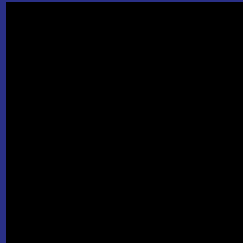
Any Text WCAG AA × Fail

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 20.8023, 17.7823, -51.1536 Background



This preview shows how black text looks on a background with the HunterLab color 20.8023, 17.7823, -51.1536.



This preview shows how white text looks on a background with the HunterLab color 20.8023, 17.7823, -51.1536.

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

20.8023, 17.7823, -51.1536

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.5207, -0.5600, -24.4402

Trichromacy



Original Color

20.8023, 17.7823, -51.1536

Protanomaly

20.5440, 9.3841, -43.1709

Deuteranomaly

20.3588, 5.1282, -33.7271

Monochromacy



Original Color

20.8023, 17.7823, -51.1536

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.7234, 3.8440, -12.9928

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8023, 17.7823, -51.1536 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(42, 48, 134)` looks like.

```
.text, #text, p{  
    color:rgb(42, 48, 134)  
}
```

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(42, 48, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 48, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8023, 17.7823, -51.1536 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(42, 48, 134) }
```

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

```
.border{ border-color:rgb(42, 48, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 48, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 48, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 48, 134);  
box-shadow:4px 4px 4px 4px rgb(42, 48,  
134) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.8023, 17.7823, -51.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 48, 134) }
```

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

```
.background{ background-color: rgb(42, 48,  
134) }
```

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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