

Converting Colors

HunterLab(20.1187, 12.6666,
-11.2732)

Have a look what the booklet for
HunterLab(20.1187, 12.6666,
-11.2732) contains.

HunterLab(20.1851, 12.7827, -11.3761)	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(20.1851, 12.7827,
-11.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2E53
RGB	75, 46, 83
RGB Percent	29%, 18%, 33%
CMY	0.7059, 0.8196, 0.6745
CMYK	0.10, 0.45, 0.00, 0.67
HSL	287°, 29%, 25%
HSV	287°, 45%, 33%
XYZ	5.4400, 4.0744, 8.6833
YIQ	58.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

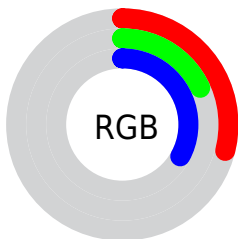
Format	Color
R_{YB}	75, 46, 83
Decimal	4927059
CIE _{Lab}	23.92, 20.64, -17.27
CIE _{LCh}	24, 26.907, 320.082
Yxy	4.0746, 0.2989, 0.2239
Android (android.graphics.Color)	4283117139 (0xFF4B2E53)
YUV	58.8890, 11.8867, 14.1293
Hunter-Lab	20.1851, 12.7827, -11.3761

Details

The HunterLab color **20.1851, 12.7827, -11.3761** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **26.7734, -12.7990, 10.5491**, and the grayscale version is **20.8344, -1.1117, 1.1320**.

A 20% lighter version of the original color is **37.2587, 14.3509, -12.1016**, and **6.5669, 13.3770, -12.2752** is the 20% darker color. If you saturate the color by 10%, you get **18.4833, 16.0211, -14.5816**, and if you desaturate by 10%, it is **22.0462, 9.5026, -8.2577**.

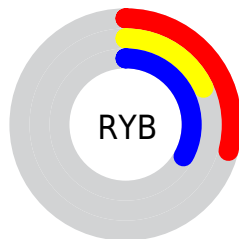
Distribution



Red (29%)

Green (18%)

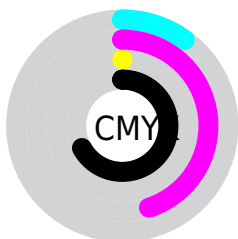
Blue (33%)



Red (29%)

Yellow (18%)

Blue (33%)

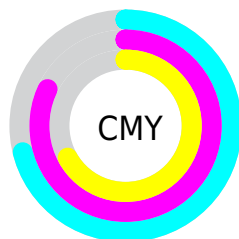


Cyan (10%)

Magenta (45%)

Yellow (0%)

Black (67%)



Cyan (71%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1851, 12.7827, -11.3761 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 20.1851, 12.7827, -11.3761 by changing the saturation by 10% instead.

■ 20.1851, 12.7827,
-11.3761

■ 20.1851, 12.7827,
-11.3761

■ 118.5247, 16.7307,
-12.6415

■ 13.0972, 11.7673,
-10.9374

■ 37.1220, 14.3538,
-12.1160

■ 6.5846, 13.3646,
-12.2327

■ 46.7931, 14.9523,
-12.3813

0.0000, NaN, -NF

■ 57.1830, 15.4479,
-12.5767

0.0000, NaN, NaN

■ 68.2451, 15.8527,
-12.7059

0.0000, NaN, NaN

■ 79.9408, 16.1762,
-12.7732

0.0000, NaN, NaN

■ 92.2373, 16.4263,

0.0000, NaN, NaN

-12.7825

0.0000, NaN, NaN

105.1068, 16.6094,
-12.7375

■ 20.1851, 12.7827,
-11.3761

■ 20.1851, 12.7827,
-11.3761

■ 18.4833, 16.0211,
-14.5816

■ 22.0462, 9.5026,
-8.2577

■ 16.9656, 19.1234,
-17.8108

■ 24.0423, 6.2389,
-5.2575

■ 15.6605, 21.9438,
-20.9490

■ 26.1549, 3.0200,
-2.3820

■ 14.5942, 24.2921,
-23.8285

■ 28.3682, -0.1421,
0.3739

■ 13.7167, 26.2123,
-26.4625

■ 30.6694, -3.2450,
3.0208

■ 13.2296, 27.3767,
-28.0448

■ 33.0479, -6.2918,
5.5718

■ 35.4953, -9.2880,
8.0397

■ 38.0044, -12.2399,
10.4367

■ 40.5695, -15.1540,
12.7735

Harmonies

Analogous

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



20.1855, 4.7404, -19.1729



20.1851, 12.7827, -11.3761



20.1855, 17.3125, -1.7150

Triad

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



20.1855, 12.7822, -11.3755



20.1855, 1.7645, 11.1006



20.1855, -14.0606, -4.8855

Complementary

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



20.1851, 12.7827, -11.3761



26.7734, -12.7990, 10.5491

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.



20.1855, -14.5924, 3.5580



20.1851, 12.7827, -11.3761



20.1855, -6.3042, 10.8279

Square

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



20.1855, 12.7822, -11.3755



20.1855, 10.3014, 9.6576



20.1855, -11.9822, 8.6518



20.1855, -10.3883, -14.4904

Rectangle

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



20.1851, 12.7827, -11.3761



20.1855, 17.3019, 3.5955



20.1855, -11.9822, 8.6518



20.1855, -14.5866, -1.7642

Sweetspot

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



20.1855, 12.7822, -11.3755



34.4556, 3.4671, -2.6911



19.6098, 2.1674, -12.6218



16.9103, 2.0073, -1.5879



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.



20.1855, 12.7822, -11.3755



24.0778, 20.9935, -19.1160



20.6587, 13.3659, -4.8868



13.8346, 0.5820, -0.3773



16.7394, 34.7043, -35.9860



39.6980, 82.6670, -88.1684

Inverse Universe

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



20.1482, 10.9002, 2.3355



24.0763, 18.0443, 3.7112



26.5664, -13.2603, 7.6487



13.8220, 0.3852, 0.8016



17.4252, 30.1871, 8.5778



41.7085, 71.9827, 22.6434

Previews

White Background



This preview shows how the HunterLab color 20.1851, 12.7827, -11.3761 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 20.1851, 12.7827, -11.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

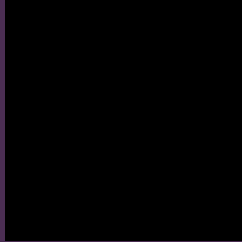
Any Text WCAG AA × Fail

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 20.1851, 12.7827, -11.3761 Background



This preview shows how black text looks on a background with the HunterLab color 20.1851, 12.7827, -11.3761.



This preview shows how white text looks on a background with the HunterLab color 20.1851, 12.7827, -11.3761.

-11.3761.

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

20.1851, 12.7827, -11.3761

Protanopia

20.3385, 2.8895, -16.9337

Deuteranopia

20.4287, 1.0789, -9.9862



Tritanopia

20.2017, 4.7648, 1.5511

Trichromacy



Original Color

20.1851, 12.7827, -11.3761

Protanomaly

19.9737, 6.2152, -15.6385

Deuteranomaly

20.1369, 5.0135, -11.0076

Tritanomaly

20.1302, 7.3035, -2.6489

Monochromacy



Original Color

20.1851, 12.7827, -11.3761

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.4438, 3.8852, -3.1950

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1851, 12.7827, -11.3761 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(75, 46, 83)` looks like.

```
.text, #text, p{  
    color:rgb(75, 46, 83)  
}
```

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(75, 46, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 46, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1851, 12.7827, -11.3761 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(75, 46, 83) }
```


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

```
.border{ border-color:rgb(75, 46, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 46, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 46, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 46, 83);  
box-shadow:4px 4px 4px 4px rgb(75, 46, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1851, 12.7827, -11.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 46, 83) }
```

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

```
.background{ background-color: rgb(75, 46,  
83) }
```

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