

Converting Colors

HunterLab(46.3335, -20.1950,
-12.6218)

Have a look what the booklet for
HunterLab(46.3335, -20.1950,
-12.6218) contains.

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Color

**HunterLab(46.1833,
-20.0142, -12.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	138C9D
RGB	19, 140, 157
RGB Percent	7%, 55%, 62%
CMY	0.9254, 0.4510, 0.3843
CMYK	0.88, 0.11, 0.00, 0.38
HSL	187°, 78%, 35%
HSV	187°, 88%, 62%
XYZ	15.7325, 21.3290, 35.1860
YIQ	105.7590, -77.5730, -20.3650

Conversions

Conversions Part 2

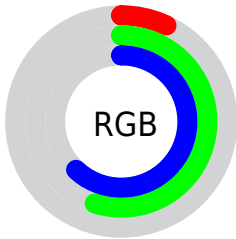
Format	Color
RYB	19, 83, 157
Decimal	1281181
CIELab	53.31, -24.21, -17.75
CIELCh	53, 30.019, 216.247
Yxy	21.3297, 0.2178, 0.2952
Android (android.graphics.Color)	4279471261 (0xFF138C9D)
YUV	105.7590, 25.2618, -76.0876
Hunter-Lab	46.1833, -20.0142, -12.8434

Details

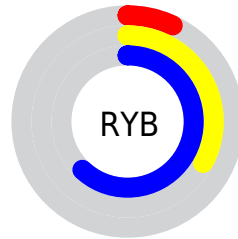
The HunterLab color **46.1833, -20.0142, -12.8434** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.1170, 38.8798, 17.3663**, and the grayscale version is **37.8036, -2.0171, 2.0539**.

A 20% lighter version of the original color is **67.6141, -23.8358, -13.3728**, and **28.6101, -11.5483, -10.8306** is the 20% darker color. If you saturate the color by 10%, you get **45.4447, -19.7242, -13.9596**, and if you desaturate by 10%, it is **47.0253, -19.9174, -11.5901**.

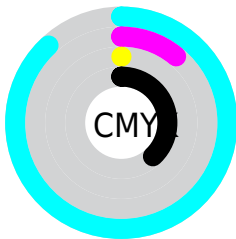
Distribution



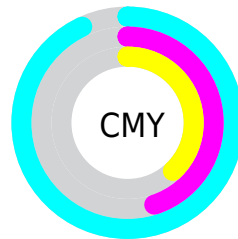
- Red (7%)
- Green (55%)
- Blue (62%)



- Red (7%)
- Yellow (33%)
- Blue (62%)



- Cyan (88%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1833, -20.0142, -12.8434 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 46.1833, -20.0142, -12.8434 by changing the saturation by 10% instead.

46.1833, -20.0142,
-12.8434

46.1833, -20.0142,
-12.8434

160.9428,
-36.4705, -12.7112

36.5585, -17.9581,
-12.5565

67.5542, -23.9006,
-13.2091

27.7138, -15.7870,
-12.1998

79.2123, -25.7679,
-13.2968

19.7262, -13.4474,
-11.7806

91.4732, -27.6005,
-13.3260

12.7000, -10.8493,
-11.3380

104.3086,
-29.4064, -13.3005

6.0520, -10.5911,
-13.4923

117.6938,
-31.1920, -13.2235

0.0000, NaN, -NF

0.0000, NaN, NaN

131.6071,

-32.9621, -13.0979

0.0000, NaN, NaN

146.0292,
-34.7205, -12.9263

0.0000, NaN, NaN

■ 46.1833, -20.0142,
-12.8434

■ 46.1833, -20.0142,
-12.8434

■ 45.4447, -19.7242,
-13.9596

■ 47.0253, -19.9174,
-11.5901

■ 45.2920, -19.6499,
-14.1926

■ 47.9900, -19.3535,
-10.1773

■ 49.0859, -18.3004,
-8.6037

■ 50.3170, -16.7543,
-6.8754

■ 51.6844, -14.7254,
-5.0029

■ 53.1871, -12.2342,
-2.9994

■ 54.8226, -9.3090,
-0.8796

■ 56.5869, -5.9823,
1.3414

■ 58.4753, -2.2891,
3.6490

Harmonies

Analogous

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



46.1841, -23.6797, 0.0014



46.1833, -20.0142, -12.8434



46.1841, -11.6011, -23.1435

Triad

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



46.1841, -20.0141, -12.8427



46.1841, 21.2023, -7.4834



46.1841, -5.0090, 19.7366

Complementary

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



46.1833, -20.0142, -12.8434



29.1170, 38.8798, 17.3663

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.



46.1841, 7.4378, 18.7137



46.1833, -20.0142, -12.8434



46.1841, 23.4371, 4.8927

Square

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



46.1841, -20.0141, -12.8427



46.1841, 12.3455, -19.5264



46.1841, 18.1681, 13.9238



46.1841, -15.6195, 17.2117

Rectangle

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



46.1833, -20.0142, -12.8434



46.1841, -4.0027, -25.9975



46.1841, 18.1681, 13.9238



46.1841, -0.9105, 19.7845

Sweetspot

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



46.1841, -20.0141, -12.8427



71.4699, -15.8634, -3.6295



49.3710, -40.7315, 27.7887



33.2122, -7.9823, -2.1150



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



46.1841, -20.0141, -12.8427



60.4541, -26.0944, -19.2320



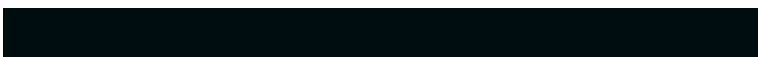
26.8258, 10.7215, -53.7844



27.1476, -3.1122, 0.4977



40.8620, -17.7656, -12.7230



5.7786, -2.7712, -1.2406

Inverse Universe

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



30.8675, 55.1129, -27.6728



40.1082, 76.7878, -36.8820



41.3975, 9.4091, 24.7902



25.9625, 1.7919, -0.4635



27.0329, 51.7915, -25.1420



3.6638, 7.0971, -4.0095

Previews

White Background



This preview shows how the HunterLab color 46.1833, -20.0142, -12.8434 looks on a white 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

Black Background



This preview shows how the HunterLab color 46.1833, -20.0142, -12.8434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

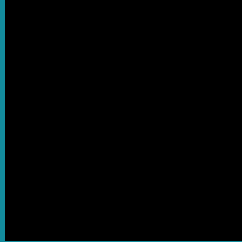
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 46.1833, -20.0142, -12.8434 Background



This preview shows how black text looks on a background with the HunterLab color 46.1833, -20.0142, -12.8434.



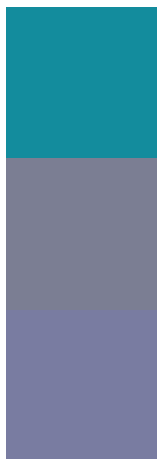
This preview shows how white text looks on a background with the HunterLab color 46.1833, -20.0142, -12.8434.

-20.0142, -12.8434.

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

46.1833, -20.0142, -12.8434

Protanopia

46.0861, 0.2824, -7.1095

Deuteranopia

45.8840, 3.4436, -15.2358



Tritanopia

46.1840, -22.0072, -10.0625

Trichromacy



Original Color

46.1833, -20.0142, -12.8434

Protanomaly

45.1644, -10.0773, -10.7815

Deuteranomaly

45.1532, -7.9239, -15.9857

Tritanomaly

46.2974, -21.4229, -10.9982

Monochromacy



Original Color

46.1833, -20.0142, -12.8434

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.8665, -11.5411, -4.4915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1833, -20.0142, -12.8434 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(19, 140, 157)` looks like.

```
.text, #text, p{  
    color:rgb(19, 140, 157)  
}
```

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(19, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 140, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1833, -20.0142, -12.8434 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(19, 140, 157) }
```


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

```
.border{ border-color:rgb(19, 140, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 140, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(19, 140,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1833, -20.0142, -12.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 140, 157) }
```

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

```
.background{ background-color: rgb(19, 140,  
157) }
```

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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