

Converting Colors

HunterLab(46.2429, -20.1218,
2.3943)

Have a look what the booklet for
HunterLab(46.2429, -20.1218,
2.3943) contains.

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Color

**HunterLab(46.2334,
-20.1547, 2.3869)**

Conversions

Conversions Part 1

Format	Color
Hex	488B7F
RGB	72, 139, 127
RGB Percent	28%, 55%, 50%
CMY	0.7176, 0.4549, 0.5020
CMYK	0.48, 0.00, 0.09, 0.45
HSL	169°, 32%, 41%
HSV	169°, 48%, 55%
XYZ	15.7359, 21.3753, 23.3752
YIQ	117.5990, -36.0800, -17.9360

Conversions

Conversions Part 2

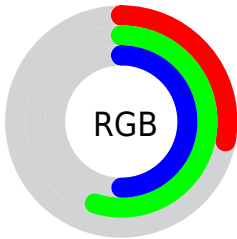
Format	Color
R_{YB}	72, 109, 139
Decimal	4754303
CIE _{Lab}	53.36, -24.41, -0.17
CIE _{LCh}	53, 24.407, 180.404
Yxy	21.3761, 0.2602, 0.3534
Android (android.graphics.Color)	4282944383 (0xFF488B7F)
YUV	117.5990, 4.6347, -39.9903
Hunter-Lab	46.2334, -20.1547, 2.3869

Details

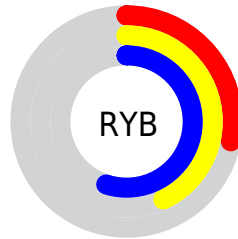
The HunterLab color $46.2334, -20.1547, 2.3869$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $32.8091, 21.8302, 5.4404$, and the grayscale version is $42.4018, -2.2625, 2.3038$.

A 20% lighter version of the original color is $67.6721, -24.0866, 3.4460$, and $27.8933, -16.0901, 1.5853$ is the 20% darker color. If you saturate the color by 10%, you get $45.6473, -22.5782, 2.7437$, and if you desaturate by 10%, it is $46.9445, -17.2962, 2.1768$.

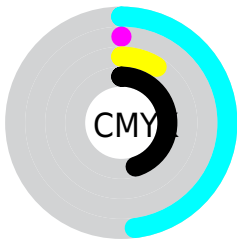
Distribution



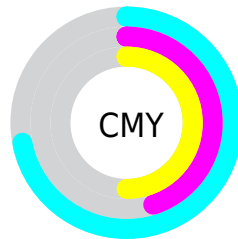
- Red (28%)
- Green (55%)
- Blue (50%)



- Red (28%)
- Yellow (43%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2334, -20.1547, 2.3869 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 46.2334, -20.1547, 2.3869 by changing the saturation by 10% instead.

■ 46.2334, -20.1547,
2.3869

■ 46.2334, -20.1547,
2.3869

161.0188,
-36.6981, 8.5691

■ 36.6049, -18.0863,
1.8730

■ 67.6111, -24.0647,
3.5337

■ 27.7561, -15.9010,
1.4018

■ 79.2724, -25.9424,
4.1605

■ 19.7640, -13.5455,
0.9784

■ 91.5362, -27.7848,
4.8205

■ 12.7326, -10.9290,
0.6089

■ 104.3744,
-29.6001, 5.5120

■ 6.0978, -10.6711,
0.2148

■ 117.7624,
-31.3947, 6.2338

0.0000, NaN, NaN

0.0000, NaN, NaN

131.6783,

-33.1734, 6.9847

0.0000, NaN, NaN

146.1029,
-34.9401, 7.7634

0.0000, NaN, NaN

■ 46.2334, -20.1547,
2.3869

■ 46.2334, -20.1547,
2.3869

■ 45.6473, -22.5782,
2.7437

■ 46.9445, -17.2962,
2.1768

■ 45.1792, -24.5622,
3.2370

■ 47.7802, -14.0154,
2.1167

■ 44.8233, -26.1171,
3.8550

■ 48.7421, -10.3354,
2.2088

■ 44.5702, -27.2679,
4.5817

■ 49.8292, -6.2853,
2.4516

■ 44.3955, -28.1049,
5.3832

■ 51.0394, -1.8988,
2.8415

■ 44.3658, -28.2486,
5.5273

■ 52.3696, 2.7888,
3.3723

■ 53.8158, 7.7412,
4.0368

■ 55.3736, 12.9234,
4.8263

■ 57.0381, 18.3025,
5.7320

Harmonies

Analogous

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



46.2343, -18.0170, 10.6634



46.2334, -20.1547, 2.3869



46.2343, -17.8999, -7.7210

Triad

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



46.2343, -20.1551, 2.3875



46.2343, 7.6610, -16.1833



46.2343, 7.4066, 15.7546

Complementary

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



46.2334, -20.1547, 2.3869



32.8091, 21.8302, 5.4404

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.



46.2343, 15.2945, 10.8435



46.2334, -20.1547, 2.3869



46.2343, 15.4499, -7.4497

Square

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



46.2343, -20.1551, 2.3875



46.2343, -2.3338, -19.7423



46.2343, 18.3531, 2.6454



46.2343, -2.6049, 17.3158

Rectangle

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



46.2334, -20.1547, 2.3869



46.2343, -14.0883, -13.8969



46.2343, 18.3531, 2.6454



46.2343, 10.4238, 14.5005

Sweetspot

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



46.2343, -20.1551, 2.3875



65.7733, -11.7755, 3.0586



45.6420, -24.7907, 19.7257



31.4412, -6.1458, 1.4419



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



46.2343, -20.1551, 2.3875



61.0110, -30.5233, 3.7332



40.1851, -9.0861, -11.4375



23.8191, -3.2015, 1.1604



42.1504, -26.8201, 5.2125



3.4625, -2.0231, 0.0396

Inverse Universe

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



32.8091, 21.8302, 5.4404



39.7842, 36.7745, 9.0771



37.1810, 10.5524, 13.3184



22.4995, 0.8257, 1.4096



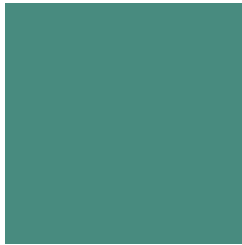
22.4031, 38.6557, 12.2301



1.8685, 3.3070, 0.3768

Previews

White Background



This preview shows how the HunterLab color 46.2334, -20.1547, 2.3869 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 46.2334, -20.1547, 2.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

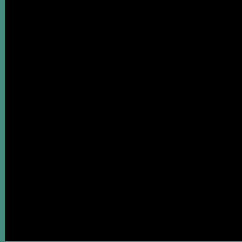
Any Text WCAG AA ✓ Pass

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 46.2334, -20.1547, 2.3869 Background



This preview shows how black text looks on a background with the HunterLab color 46.2334, -20.1547, 2.3869.



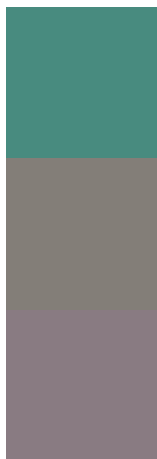
This preview shows how white text looks on a background with the HunterLab color 46.2334, -20.1547, 2.3869.

-20.1547, 2.3869.

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

46.2334, -20.1547, 2.3869

Protanopia

45.9381, -1.8581, 5.3403

Deuteranopia

45.9304, 2.9008, 1.0909



Tritanopia

46.1894, -14.3133, -7.2218

Trichromacy



Original Color

46.2334, -20.1547, 2.3869

Protanomaly

45.8014, -9.5267, 3.7983

Deuteranomaly

45.6029, -6.9113, 0.9769

Tritanomaly

46.1750, -16.4040, -3.6924

Monochromacy



Original Color

46.2334, -20.1547, 2.3869

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.6679, -9.8763, 2.1746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2334, -20.1547, 2.3869 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(72, 139, 127)` looks like.

```
.text, #text, p{  
    color:rgb(72, 139, 127)  
}
```

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(72, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 139, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2334, -20.1547, 2.3869 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(72, 139, 127) }
```


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

```
.border{ border-color:rgb(72, 139, 127) }
```

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

Here you see how a box with a 4 pixel rgb(72, 139, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(72, 139,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2334, -20.1547, 2.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 139, 127) }
```

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

```
.background{ background-color: rgb(72, 139,  
127) }
```

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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