

Converting Colors

HunterLab(52.1964, -25.3077,
0.3650)

Have a look what the booklet for
HunterLab(52.1964, -25.3077,
0.3650) contains.

HunterLab(52.1964, -25.3077, 0.3650)	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(52.1964,
-25.3077, 0.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9D93
RGB	62, 157, 147
RGB Percent	24%, 62%, 58%
CMY	0.7568, 0.3843, 0.4235
CMYK	0.61, 0.00, 0.06, 0.38
HSL	174°, 43%, 43%
HSV	174°, 61%, 62%
XYZ	19.3100, 27.2446, 31.8447
YIQ	127.4550, -53.4100, -23.2500

Conversions

Conversions Part 2

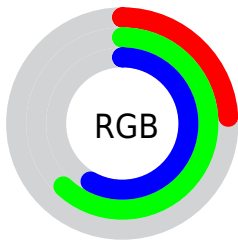
Format	Color
R _Y B	62, 112, 157
Decimal	4103571
CIE Lab	59.20, -30.20, -3.10
CIE LCh	59, 30.362, 185.861
Yxy	27.2457, 0.2463, 0.3475
Android (android.graphics.Color)	4282293651 (0xFF3E9D93)
YUV	127.4550, 9.6357, -57.4040
Hunter-Lab	52.1964, -25.3077, 0.3650

Details

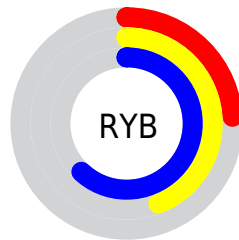
The HunterLab color **52.1964, -25.3077, 0.3650** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.2897, 31.8136, 10.1488**, and the grayscale version is **46.2265, -2.4665, 2.5116**.

A 20% lighter version of the original color is **74.3620, -29.7196, 1.2429**, and **33.1153, -19.0920, -0.1770** is the 20% darker color. If you saturate the color by 10%, you get **51.7280, -27.2525, 0.5317**, and if you desaturate by 10%, it is **52.8024, -22.8588, 0.3715**.

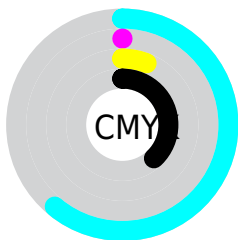
Distribution



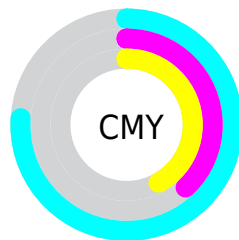
- Red (24%)
- Green (62%)
- Blue (58%)



- Red (24%)
- Yellow (44%)
- Blue (62%)



- Cyan (61%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1964, -25.3077, 0.3650 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 52.1964, -25.3077, 0.3650 by changing the saturation by 10% instead.

■ 52.1964, -25.3077,
0.3650

■ 52.1964, -25.3077,
0.3650

169.9543,
-44.2342, 5.6291

■ 42.1400, -22.9128,
-0.0197

■ 74.3491, -29.8244,
1.2755

■ 32.8272, -20.3843,
-0.3524

■ 86.3661, -31.9854,
1.7929

■ 24.3241, -17.6700,
-0.6256

■ 98.9687, -34.0996,
2.3483

■ 16.7165, -14.6819,
-0.8299

■ 112.1308,
-36.1763, 2.9395

■ 10.1261, -13.6513,
-0.9504

■ 125.8297,
-38.2229, 3.5647

0.0000, NaN, -NF

0.0000, NaN, NaN

140.0450,

-40.2450, 4.2223

0.0000, NaN, NaN

154.7587,
-42.2475, 4.9108

0.0000, NaN, NaN

■ 52.1964, -25.3077,
0.3650

■ 52.1964, -25.3077,
0.3650

■ 51.7280, -27.2525,
0.5317

■ 52.8024, -22.8588,
0.3715

■ 51.3851, -28.7113,
0.8568

■ 53.5491, -19.9014,
0.5571

■ 51.1564, -29.7225,
1.3227

■ 54.4411, -16.4463,
0.9257

■ 51.0120, -30.3938,
1.8510

■ 55.4801, -12.5150,
1.4766

■ 56.6655, -8.1379,
2.2054

■ 57.9955, -3.3513,
3.1049

■ 59.4670, 1.8045,
4.1656

■ 61.0755, 7.2881,
5.3765

■ 62.8162, 13.0582,
6.7259

Harmonies

Analogous

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



52.1974, -23.6112, 11.6247



52.1964, -25.3077, 0.3650



52.1974, -21.4636, -13.0161

Triad

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



52.1974, -25.3080, 0.3657



52.1974, 12.6049, -20.2154



52.1974, 7.7838, 20.1563

Complementary

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



52.1964, -25.3077, 0.3650



33.2897, 31.8136, 10.1488

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.



52.1974, 18.9498, 14.8937



52.1964, -25.3077, 0.3650



52.1974, 21.9176, -7.7964

Square

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



52.1974, -25.3080, 0.3657



52.1974, -0.2224, -26.6192



52.1974, 24.3455, 5.2012



52.1974, -5.3048, 21.3304

Rectangle

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



52.1964, -25.3077, 0.3650



52.1974, -16.0323, -20.7949



52.1974, 24.3455, 5.2012



52.1974, 11.9247, 18.8823

Sweetspot

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



52.1974, -25.3080, 0.3657



74.5709, -15.5311, 2.1668



50.8749, -34.0115, 25.4414



34.7882, -8.0023, 0.9045



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.



52.1974, -25.3080, 0.3657



69.0253, -37.3060, 0.8570



41.2713, -7.9539, -20.5346



27.3815, -3.6422, 1.1127



45.9753, -27.3697, 1.6183



6.1729, -3.5081, -0.1427

Inverse Universe

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



33.2897, 31.8136, 10.1488



40.0365, 52.1036, 16.8145



40.4110, 14.0094, 18.4588



25.8010, 0.9245, 1.8350



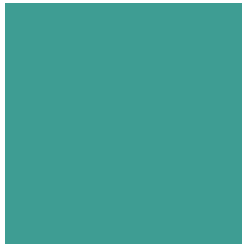
24.2000, 41.5861, 14.5296



3.2806, 5.7258, 1.2858

Previews

White Background



This preview shows how the HunterLab color 52.1964, -25.3077, 0.3650 looks on a white background.

Color Contrast Check

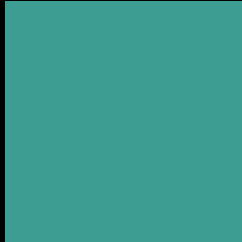
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1964, -25.3077, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

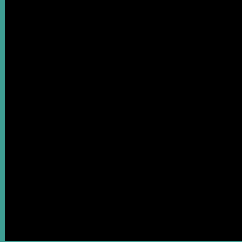
Any Text WCAG AA ✓ Pass

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 52.1964, -25.3077, 0.3650 Background



This preview shows how black text looks on a background with the HunterLab color 52.1964, -25.3077, 0.3650.



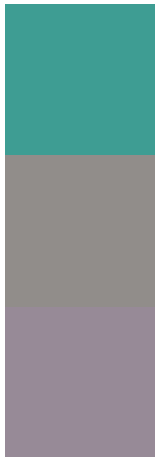
This preview shows how white text looks on a background with the HunterLab color 52.1964,

-25.3077, 0.3650.

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

52.1964, -25.3077, 0.3650

Protanopia

51.8695, -2.0220, 4.4417

Deuteranopia

51.9525, 3.3516, -1.3417



Tritanopia

52.1568, -19.2114, -9.7568

Trichromacy



Original Color

52.1964, -25.3077, 0.3650

Protanomaly

51.4153, -12.5168, 2.4040

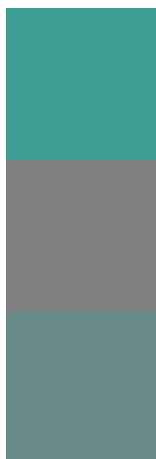
Deuteranomaly

51.3563, -9.1044, -1.8255

Tritanomaly

52.1287, -21.4355, -6.0803

Monochromacy



Original Color

52.1964, -25.3077, 0.3650

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.7302, -12.5281, 1.1752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1964, -25.3077, 0.3650 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(62, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(62, 157, 147)  
}
```

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(62, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 157, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1964, -25.3077, 0.3650 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(62, 157, 147) }
```


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

```
.border{ border-color:rgb(62, 157, 147) }
```

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

Here you see how a box with a 4 pixel rgb(62, 157, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(62, 157,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1964, -25.3077, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 157, 147) }
```

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

```
.background{ background-color: rgb(62, 157,  
147) }
```

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