

Converting Colors

HunterLab(53.0466, -20.4255,
-10.6232)

Have a look what the booklet for
HunterLab(53.0466, -20.4255,
-10.6232) contains.

HunterLab(53.0511, -20.4248, -10.7268)	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(53.0511,
-20.4248, -10.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	409DAB
RGB	64, 157, 171
RGB Percent	25%, 62%, 67%
CMY	0.7490, 0.3843, 0.3294
CMYK	0.63, 0.08, 0.00, 0.33
HSL	188°, 46%, 46%
HSV	188°, 63%, 67%
XYZ	21.5220, 28.1442, 42.8261
YIQ	130.7890, -59.9220, -15.3620

Conversions

Conversions Part 2

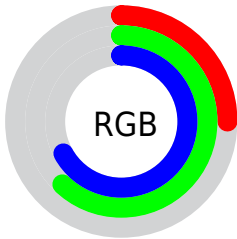
Format	Color
RYB	64, 114, 171
Decimal	4234667
CIELab	60.02, -22.91, -15.47
CIElCh	60, 27.645, 214.025
Yxy	28.1452, 0.2327, 0.3043
Android (android.graphics.Color)	4282424747 (0xFF409DAB)
YUV	130.7890, 19.8240, -58.5740
Hunter-Lab	53.0511, -20.4248, -10.7268

Details

The HunterLab color **53.0511, -20.4248, -10.7268** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38.0495, 29.3265, 16.3999**, and the grayscale version is **47.5003, -2.5345, 2.5808**.

A 20% lighter version of the original color is **75.3584, -24.2460, -10.5985**, and **33.8158, -14.9358, -10.0247** is the 20% darker color. If you saturate the color by 10%, you get **51.8720, -21.2609, -12.4474**, and if you desaturate by 10%, it is **54.3812, -19.0400, -8.8304**.

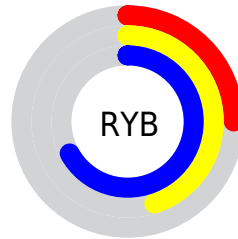
Distribution



Red (25%)

Green (62%)

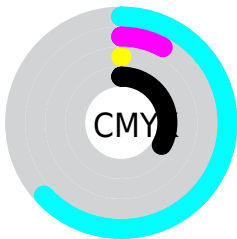
Blue (67%)



Red (25%)

Yellow (45%)

Blue (67%)

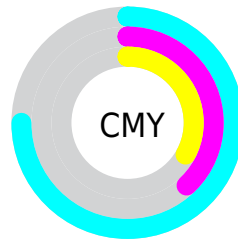


Cyan (63%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0511, -20.4248, -10.7268 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 53.0511, -20.4248, -10.7268 by changing the saturation by 10% instead.

■ 53.0511, -20.4248,
-10.7268

■ 53.0511, -20.4248,
-10.7268

171.2192,
-36.1633, -9.5862

■ 42.9362, -18.5098,
-10.5688

■ 75.3102, -24.0890,
-10.8421

■ 33.5602, -16.5111,
-10.3390

■ 87.3762, -25.8648,
-10.8104

■ 24.9879, -14.3934,
-10.0337

■ 100.0255,
-27.6152, -10.7243

■ 17.3031, -12.0971,
-9.6570

■ 113.2324,
-29.3464, -10.5873

■ 10.6235, -10.2741,
-9.2435

■ 126.9743,
-31.0633, -10.4024

■ 0.4674, -0.8179,
-137.8060

141.2311,

0.0000, NaN, NaN

-32.7698, -10.1724

0.0000, NaN, NaN

155.9848,
-34.4690, -9.8996

0.0000, NaN, NaN

■ 53.0511, -20.4248,
-10.7268

■ 53.0511, -20.4248,
-10.7268

■ 51.8720, -21.2609,
-12.4474

■ 54.3812, -19.0400,
-8.8304

■ 50.8347, -21.5609,
-13.9905

■ 55.8616, -17.1112,
-6.7711

■ 49.9292, -21.3616,
-15.3599

■ 57.4932, -14.6569,
-4.5623

■ 49.3131, -20.9997,
-16.3048

■ 59.2735, -11.7057,
-2.2203

■ 61.1985, -8.2922,
0.2380

■ 63.2633, -4.4549,
2.7957

■ 65.4619, -0.2335,
5.4372

■ 67.7881, 4.3330,
8.1480

■ 70.2354, 9.2072,
10.9155

Harmonies

Analogous

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



53.0521, -23.6997, 1.3439



53.0511, -20.4248, -10.7268



53.0521, -12.4470, -20.5218

Triad

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



53.0521, -20.4249, -10.7260



53.0521, 19.2390, -7.5074



53.0521, -4.4233, 20.2761

Complementary

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



53.0511, -20.4248, -10.7268



38.0495, 29.3265, 16.3999

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.



53.0521, 7.5172, 18.9092



53.0511, -20.4248, -10.7268



53.0521, 21.8576, 4.3866

Square

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



53.0521, -20.4249, -10.7260



53.0521, 10.5251, -18.3956



53.0521, 17.3982, 13.6392



53.0521, -14.9887, 17.8918

Rectangle

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



53.0511, -20.4248, -10.7268



53.0521, -5.1840, -23.5031



53.0521, 17.3982, 13.6392



53.0521, -0.4414, 20.2360

Sweetspot

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



53.0521, -20.4249, -10.7260



80.1353, -14.2530, -1.9232



55.4482, -39.0904, 26.0758



37.5116, -7.3069, -1.3349



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



53.0521, -20.4249, -10.7260



68.8747, -28.6855, -17.4614



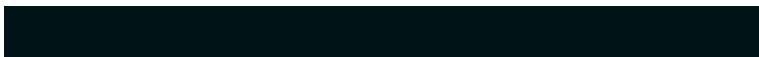
37.6003, 3.1264, -37.5300



29.8171, -3.4163, 0.5114



42.8793, -18.3148, -14.0590



7.4841, -3.4763, -1.8502

Inverse Universe

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



38.4186, 47.5960, -24.7226



47.3881, 74.9032, -37.9181



49.9898, 4.2896, 25.1248



28.5128, 2.0092, -0.5126



28.5642, 54.6317, -25.8404



4.8155, 9.2916, -4.9884

Previews

White Background



This preview shows how the HunterLab color 53.0511, -20.4248, -10.7268 looks on a white background.

Color Contrast Check

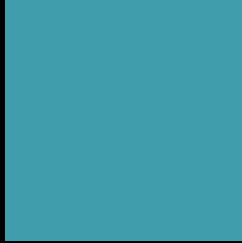
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0511, -20.4248, -10.7268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

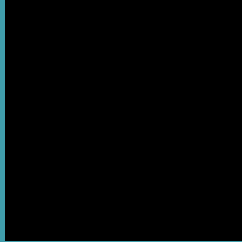
Any Text WCAG AA ✓ Pass

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 53.0511, -20.4248, -10.7268 Background



This preview shows how black text looks on a background with the HunterLab color 53.0511, -20.4248, -10.7268.



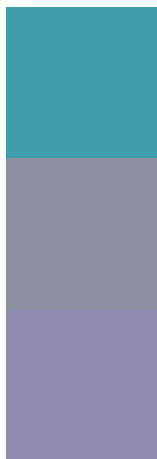
This preview shows how white text looks on a background with the HunterLab color 53.0511, -20.4248, -10.7268.

-20.4248, -10.7268.

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

53.0511, -20.4248, -10.7268

Protanopia

52.8359, -0.1363, -5.8031

Deuteranopia

52.8164, 3.6141, -12.9201



Tritanopia

52.9839, -20.7526, -10.2714

Trichromacy



Original Color

53.0511, -20.4248, -10.7268

Protanomaly

52.3518, -9.1318, -8.2159

Deuteranomaly

52.4412, -6.6322, -13.0762

Tritanomaly

52.9839, -20.7526, -10.2714

Monochromacy



Original Color

53.0511, -20.4248, -10.7268

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.9462, -10.4218, -2.9631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0511, -20.4248, -10.7268 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(64, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(64, 157, 171)  
}
```

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(64, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 157, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0511, -20.4248, -10.7268 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(64, 157, 171) }
```


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

```
.border{ border-color:rgb(64, 157, 171) }
```

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

Here you see how a box with a 4 pixel rgb(64, 157, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(64, 157,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0511, -20.4248, -10.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 157, 171) }
```

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

```
.background{ background-color: rgb(64, 157,  
171) }
```

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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