

Converting Colors

HunterLab(20.4104, 7.1311,
-59.2293)

Have a look what the booklet for
HunterLab(20.4104, 7.1311,
-59.2293) contains.

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Color

**HunterLab(21.9538, 11.9647,
-53.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	00398C
RGB	0, 57, 140
RGB Percent	0%, 22%, 55%
CMY	0.9999, 0.7765, 0.4510
CMYK	1.00, 0.59, 0.00, 0.45
HSL	216°, 100%, 27%
HSV	216°, 100%, 55%
XYZ	6.1967, 4.8197, 25.4146
YIQ	49.4190, -60.6150, 13.7290

Conversions

Conversions Part 2

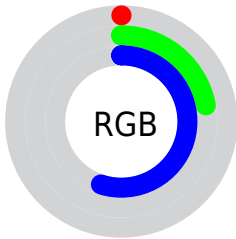
Format	Color
RYB	0, 41, 140
Decimal	14732
CIELab	26.22, 19.28, -50.36
CIELCh	26, 53.922, 290.950
Yxy	4.8198, 0.1701, 0.1323
Android (android.graphics.Color)	4278204812 (0xFF00398C)
YUV	49.4190, 44.6564, -43.3405
Hunter-Lab	21.9538, 11.9647, -53.2688

Details

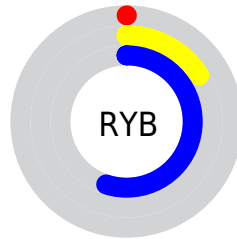
The HunterLab color **21.9538, 11.9647, -53.2688** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.3003, 12.3635, 21.3511**, and the grayscale version is **17.5371, -0.9357, 0.9528**.

A 20% lighter version of the original color is **39.1725, 13.3841, -52.8783**, and **10.5932, 15.2236, -46.1040** is the 20% darker color. If you saturate the color by 10%, you get **21.9512, 11.9708, -53.2787**, and if you desaturate by 10%, it is **24.0878, 8.4051, -46.0804**.

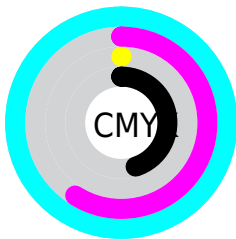
Distribution



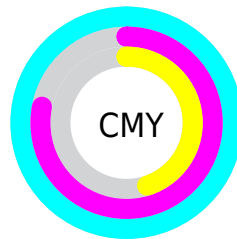
- Red (0%)
- Green (22%)
- Blue (55%)



- Red (0%)
- Yellow (16%)
- Blue (55%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9538, 11.9647, -53.2688 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 21.9538, 11.9647, -53.2688 by changing the saturation by 10% instead.

■ 21.9538, 11.9647,
-53.2688

■ 21.9538, 11.9647,
-53.2688

■ 121.6843, 15.1705,
-57.7837

■ 14.6353, 11.0635,
-55.2402

■ 39.2787, 13.3334,
-52.9623

■ 8.2949, 10.3922,
-61.9905

■ 49.1196, 13.8407,
-53.4602

0.0000, INF, -NF

■ 59.6678, 14.2510,
-54.1157

0.0000, NaN, -NF

■ 70.8787, 14.5755,
-54.8438

0.0000, NaN, -NF

■ 82.7152, 14.8231,
-55.5973

0.0000, NaN, NaN

■ 95.1459, 15.0010,

0.0000, NaN, NaN

0.0000, NaN, NaN

-56.3484

0.0000, NaN, NaN

108.1435, 15.1152,
-57.0805

■ 21.9538, 11.9647,
-53.2688

■ 21.9538, 11.9647,
-53.2688

■ 21.9512, 11.9708,
-53.2787

■ 24.0878, 8.4051,
-46.0804

■ 26.4295, 5.3161,
-39.2804

■ 28.9933, 2.8197,
-32.8226

■ 31.7516, 0.8719,
-26.7494

■ 34.6793, -0.5908,
-21.0596

■ 37.7549, -1.6345,
-15.7272

■ 40.9602, -2.3208,
-10.7152

■ 44.2800, -2.7035,
-5.9837

■ 47.7019, -2.8280,
-1.4942

Harmonies

Analogous

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



21.9540, -6.1421, -58.2209



21.9538, 11.9647, -53.2688



21.9540, 30.9147, -29.3524

Triad

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



21.9540, 11.9658, -53.2682



21.9540, 23.8253, 14.7404



21.9540, -25.2370, 5.5948

Complementary

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



21.9538, 11.9647, -53.2688



34.3003, 12.3635, 21.3511

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.



21.9540, -21.4239, 13.2479



21.9538, 11.9647, -53.2688



21.9540, 4.2825, 15.3678

Square

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



21.9540, 11.9658, -53.2682



21.9540, 39.0987, 9.7378



21.9540, -11.8020, 15.3678



21.9540, -24.3278, -13.3145

Rectangle

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



21.9538, 11.9647, -53.2688



21.9540, 39.7125, -11.7725



21.9540, -11.8020, 15.3678



21.9540, -24.5234, 9.1905

Sweetspot

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



21.9540, 11.9658, -53.2682



54.1070, -3.0356, -14.6459



44.0007, -32.8272, 15.8691



25.2045, -1.3137, -8.2025



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.



21.9540, 11.9658, -53.2682



28.6279, 17.0808, -72.6549



14.0349, 37.5181, -95.5084



22.8140, -1.3442, -0.5344



20.7810, 11.0828, -49.8990



2.3716, -0.3512, -2.2062

Inverse Universe

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



24.2308, 42.7105, 6.2071



32.1250, 56.5414, 8.9265



48.3441, -16.9196, 29.4925



22.5392, 1.0392, 0.8440



22.8477, 40.2920, 5.7351



1.9355, 3.5496, -0.5714

Previews

White Background



This preview shows how the HunterLab color 21.9538, 11.9647, -53.2688 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 21.9538, 11.9647, -53.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

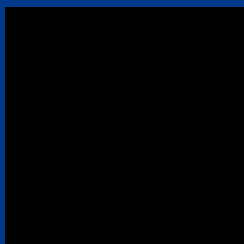
Any Text WCAG AA × Fail

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 21.9538, 11.9647, -53.2688 Background



This preview shows how black text looks on a background with the HunterLab color 21.9538, 11.9647, -53.2688.



This preview shows how white text looks on a background with the HunterLab color 21.9538, 11.9647, -53.2688.

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

21.9538, 11.9647, -53.2688

Protanopia

21.8866, 6.6537, -41.7198

Deuteranopia

21.8920, -0.4137, -26.4700



Tritanopia

22.0788, -10.9382, -3.9841

Trichromacy



Original Color

21.9538, 11.9647, -53.2688

Protanomaly

21.8949, 8.3886, -45.4753

Deuteranomaly

21.7209, 4.0636, -35.9213

Tritanomaly

21.5927, -3.9359, -18.4925

Monochromacy



Original Color

21.9538, 11.9647, -53.2688

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3207, 0.2473, -14.5402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9538, 11.9647, -53.2688 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(0, 57, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 140)  
}
```

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(0, 57, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9538, 11.9647, -53.2688 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(0, 57, 140) }
```


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

```
.border{ border-color:rgb(0, 57, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 140)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9538, 11.9647, -53.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 140) }
```

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

```
.background{ background-color: rgb(0, 57,  
140) }
```

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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