

Converting Colors

HunterLab(20.5067, 12.8684,
-53.4108)

Have a look what the booklet for
HunterLab(20.5067, 12.8684,
-53.4108) contains.

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Color

**HunterLab(20.5067, 12.8684,
-53.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	003487
RGB	0, 52, 135
RGB Percent	0%, 20%, 53%
CMY	0.9999, 0.7961, 0.4706
CMYK	1.00, 0.61, 0.00, 0.47
HSL	217°, 100%, 26%
HSV	217°, 100%, 53%
XYZ	5.6012, 4.2052, 23.4381
YIQ	45.9140, -57.6350, 14.7890

Conversions

Conversions Part 2

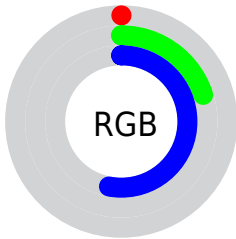
Format	Color
R_{YB}	0, 38, 135
Decimal	13447
CIE _{Lab}	24.34, 20.70, -50.31
CIE _{LCh}	24, 54.405, 292.364
Yxy	4.2053, 0.1685, 0.1265
Android (android.graphics.Color)	4278203527 (0xFF003487)
YUV	45.9140, 43.9194, -40.2666
Hunter-Lab	20.5067, 12.8684, -53.4108

Details

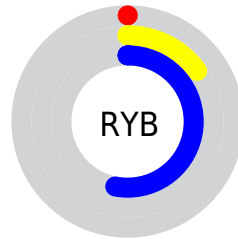
The HunterLab color **20.5067, 12.8684, -53.4108** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.6755, 10.4342, 20.9324**, and the grayscale version is **16.3756, -0.8738, 0.8897**.

A 20% lighter version of the original color is **37.5699, 14.3630, -52.5756**, and **9.2584, 16.7427, -47.7149** is the 20% darker color. If you saturate the color by 10%, you get **20.5042, 12.8745, -53.4207**, and if you desaturate by 10%, it is **22.5879, 9.2969, -46.0849**.

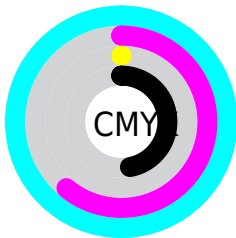
Distribution



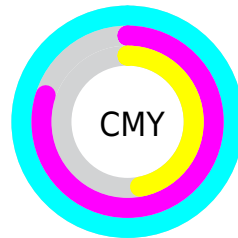
- Red (0%)
- Green (20%)
- Blue (53%)



- Red (0%)
- Yellow (15%)
- Blue (53%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5067, 12.8684, -53.4108 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 20.5067, 12.8684, -53.4108 by changing the saturation by 10% instead.

■ 20.5067, 12.8684,
-53.4108

■ 20.5067, 12.8684,
-53.4108

■ 119.1035, 16.8089,
-57.5865

■ 13.3756, 11.8584,
-55.8379

■ 37.5154, 14.4362,
-52.8299

■ 6.9307, 12.7943,
-67.6160

■ 47.2180, 15.0332,
-53.2847

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6372, 15.5278,
-53.9192

0.0000, NaN, -NF

■ 68.7267, 15.9318,
-54.6383

0.0000, NaN, NaN

■ 80.4484, 16.2549,
-55.3893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7698, 16.5047,

-56.1420

0.0000, NaN, NaN

105.6629, 16.6876,
-56.8781

■ 20.5067, 12.8684,
-53.4108

■ 20.5067, 12.8684,
-53.4108

■ 20.5042, 12.8745,
-53.4207

■ 22.5879, 9.2969,
-46.0849

■ 24.8797, 6.1758,
-39.1854

■ 27.3954, 3.6342,
-32.6636

■ 30.1053, 1.6278,
-26.5634

■ 32.9829, 0.0925,
-20.8786

■ 36.0059, -1.0386,
-15.5763

■ 39.1556, -1.8271,
-10.6129

■ 42.4170, -2.3260,
-5.9433

■ 45.7775, -2.5801,
-1.5250

Harmonies

Analogous

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



20.5069, -5.2568, -59.7191



20.5067, 12.8684, -53.4108



20.5069, 31.7056, -28.3594

Triad

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



20.5069, 12.8695, -53.4103



20.5069, 22.9005, 14.3548



20.5069, -24.4639, 4.8300

Complementary

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



20.5067, 12.8684, -53.4108



33.6755, 10.4342, 20.9324

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.



20.5069, -21.0791, 12.5878



20.5067, 12.8684, -53.4108



20.5069, 3.4270, 14.3548

Square

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



20.5069, 12.8695, -53.4103



20.5069, 38.6895, 9.7680



20.5069, -12.1012, 14.3548



20.5069, -23.4012, -14.5724

Rectangle

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



20.5067, 12.8684, -53.4108



20.5069, 40.2323, -10.7028



20.5069, -12.1012, 14.3548



20.5069, -23.8609, 8.4741

Sweetspot

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



20.5069, 12.8695, -53.4103



52.1045, -2.3858, -14.6443



42.3348, -31.2906, 14.6343



24.3229, -0.9802, -8.2023



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



20.5069, 12.8695, -53.4103



26.9028, 18.5005, -73.5634



13.5618, 36.1156, -91.2215



21.9474, -1.2346, -0.5473



19.7516, 12.2180, -51.0629



1.6403, -0.1903, -1.6394

Inverse Universe

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



23.2363, 40.8554, 6.7438



31.0462, 54.5024, 9.7145



46.2919, -16.9253, 28.2279



21.7168, 0.9664, 0.8685



22.3177, 39.2547, 6.3979



1.3641, 2.4938, -0.3415

Previews

White Background



This preview shows how the HunterLab color 20.5067, 12.8684, -53.4108 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 20.5067, 12.8684, -53.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

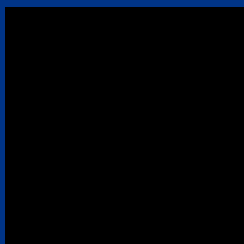
Any Text WCAG AA × Fail

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 20.5067, 12.8684, -53.4108 Background



This preview shows how black text looks on a background with the HunterLab color 20.5067, 12.8684, -53.4108.



This preview shows how white text looks on a background with the HunterLab color 20.5067, 12.8684, -53.4108.

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

20.5067, 12.8684, -53.4108

Protanopia

20.3967, 5.8220, -38.0621

Deuteranopia

20.4720, -0.8259, -23.8054



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.5067, 12.8684, -53.4108

Protanomaly

20.5257, 8.1522, -43.2536

Deuteranomaly

20.3498, 3.8633, -33.7752

Tritanomaly

20.0550, -3.1288, -18.3129

Monochromacy



Original Color

20.5067, 12.8684, -53.4108

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1031, 0.7408, -14.4346

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5067, 12.8684, -53.4108 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, 52, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 135)  
}
```

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, 52, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5067, 12.8684, -53.4108 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, 52, 135) }
```


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

```
.border{ border-color:rgb(0, 52, 135) }
```

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

Here you see how a box with a 4 pixel rgb(0, 52, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 52, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 52, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5067, 12.8684, -53.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 135) }
```

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

```
.background{ background-color: rgb(0, 52,  
135) }
```

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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