

Converting Colors

HunterLab(41.4014, 65.3077,
14.9351)

Have a look what the booklet for
HunterLab(41.4014, 65.3077,
14.9351) contains.

HunterLab(41.4014, 65.3077, 14.9351)	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(41.4014, 65.3077,
14.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	DD2253
RGB	221, 34, 83
RGB Percent	87%, 13%, 33%
CMY	0.1333, 0.8666, 0.6745
CMYK	0.00, 0.85, 0.62, 0.13
HSL	344°, 73%, 50%
HSV	344°, 85%, 87%
XYZ	31.9522, 17.1408, 9.8080
YIQ	95.4990, 95.7230, 54.8830

Conversions

Conversions Part 2

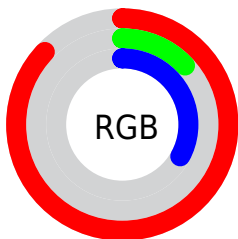
Format	Color
R_{YB}	221, 34, 83
Decimal	14492243
CIE _{Lab}	48.44, 69.91, 21.45
CIE _{LCh}	48, 73.128, 17.053
Yxy	17.1418, 0.5425, 0.2910
Android (android.graphics.Color)	4292682323 (0xFFDD2253)
YUV	95.4990, -6.1620, 110.0644
Hunter-Lab	41.4014, 65.3077, 14.9351

Details

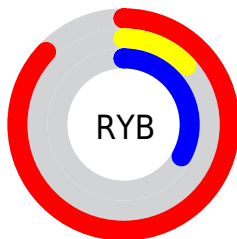
The HunterLab color **41.4014, 65.3077, 14.9351** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **74.1838, -48.0958, 13.6683**, and the grayscale version is **34.0151, -1.8150, 1.8481**.

A 20% lighter version of the original color is **56.9462, 57.5608, 13.3694**, and **27.2316, 47.1728, 13.4267** is the 20% darker color. If you saturate the color by 10%, you get **40.0432, 67.9028, 18.0728**, and if you desaturate by 10%, it is **43.7251, 60.2620, 11.8859**.

Distribution



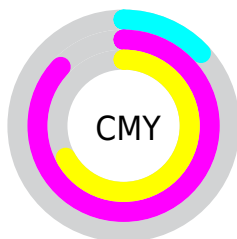
- Red (87%)
- Green (13%)
- Blue (33%)



- Red (87%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (13%)











- Cyan (13%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4014, 65.3077, 14.9351 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 41.4014, 65.3077, 14.9351 by changing the saturation by 10% instead.

 41.4014, 65.3077, 14.9351	 41.4014, 65.3077, 14.9351
153.6191, 82.8381, 30.4454	 32.1491, 63.0052, 12.9733
 62.1043, 69.8122, 18.6164	 23.7109, 60.8159, 10.8820
 73.4572, 71.9505, 20.3764	 16.1761, 59.0436, 8.6724
 85.4284, 73.9956, 22.1011	 9.6698, 58.6257, 6.7689
 97.9873, 75.9456, 23.7994	0.0000, INF, NaN
	0.0000, INF, NaN
 111.1076, 77.8017, 25.4783	0.0000, NaN, NaN
 124.7662, 79.5668,	0.0000, NaN, NaN

27.1430

0.0000, NaN, NaN

138.9428, 81.2443,
28.7976

■ 41.4014, 65.3077,
14.9351

■ 41.4014, 65.3077,
14.9351

■ 40.0432, 67.9028,
18.0728

■ 43.7251, 60.2620,
11.8859


■ 39.5935, 68.5739,
19.6250

■ 47.0152, 53.2222,
9.2106


■ 51.1976, 44.8669,
7.0810


■ 56.1607, 35.8286,
5.5484

■ 61.7873, 26.5598,
4.5834

 67.9713, 17.3306,
4.1178

 74.6230, 8.2765,
4.0739

 81.6699, -0.5503,
4.3793

 89.0539, -9.1438,
4.9721

Harmonies

Analogous

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



41.4027, 66.9215, -11.4008



41.4014, 65.3077, 14.9351



41.4027, 42.7761, 25.2626

Triad

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



41.4027, 65.3031, 14.9360



41.4027, -35.4995, 24.4974



41.4027, -13.9232, -89.2346

Complementary

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



41.4014, 65.3077, 14.9351



74.1838, -48.0958, 13.6683

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.



41.4027, -33.6371, -57.9826



41.4014, 65.3077, 14.9351



41.4027, -43.5954, 12.4205

Square

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



41.4027, 65.3031, 14.9360



41.4027, -17.2580, 27.6201



41.4027, -43.0230, -16.4040



41.4027, 15.3478, -86.6168

Rectangle

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



41.4014, 65.3077, 14.9351



41.4027, 21.7163, 27.3487



41.4027, -43.0230, -16.4040



41.4027, -21.6982, -81.7596

Sweetspot

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



41.4027, 65.3031, 14.9360



79.4873, 21.0212, 4.8604



38.7802, 72.2842, -79.4227



35.5570, 11.4974, 2.3149

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.4027, 65.3031, 14.9360



46.5434, 80.5724, 23.3661



45.7019, 48.1581, 27.0391



36.2039, 1.7016, 1.9404



30.2037, 52.3629, 14.5704



7.7790, 13.6637, 2.3757

Inverse Universe

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



41.4027, 65.3031, 14.9360



46.5434, 80.5724, 23.3661



60.9523, -20.2550, -29.3367



36.2039, 1.7016, 1.9404



30.2037, 52.3629, 14.5704



7.7790, 13.6637, 2.3757

Previews

White Background



This preview shows how the HunterLab color 41.4014, 65.3077, 14.9351 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 × Fail

Black Background



This preview shows how the HunterLab color 41.4014, 65.3077, 14.9351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

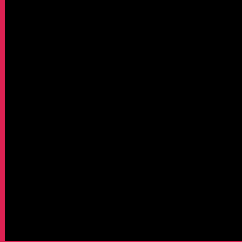
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.4014, 65.3077, 14.9351 Background



This preview shows how black text looks on a background with the HunterLab color 41.4014, 65.3077, 14.9351.



This preview shows how white text looks on a background with the HunterLab color 41.4014, 65.3077,

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

41.4014, 65.3077, 14.9351

Protanopia

41.6266, -1.3303, 1.6559

Deuteranopia

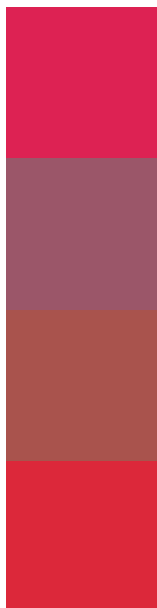
41.7597, 2.7309, 16.5818



Tritanopia

41.4715, 60.2965, 23.2035

Trichromacy



Original Color

41.4014, 65.3077, 14.9351

Protanomaly

38.2676, 23.5010, 3.2852

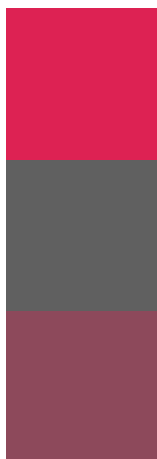
Deuteranomaly

38.9324, 27.2105, 13.7738

Tritanomaly

41.2780, 61.9811, 20.7707

Monochromacy



Original Color

41.4014, 65.3077, 14.9351

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.4412, 22.9069, 3.4594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4014, 65.3077, 14.9351 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(221, 34, 83)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 83)  
}
```

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(221, 34, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4014, 65.3077, 14.9351 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(221, 34, 83) }
```


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

```
.border{ border-color:rgb(221, 34, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 34, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 83);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4014, 65.3077, 14.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 83) }
```

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

```
.background{ background-color: rgb(221, 34,  
83) }
```

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